

Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at http://about.jstor.org/participate-jstor/individuals/early-journal-content.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

I. Index of Subjects.

A.	PA	GE.
Abbot offers to collect curiosities		131
"A. B. C"		
reported on		271
Abercrombie thanked		272
Abert, Col., on mocking birds		705
Abrahamson, letter from		598
Abscess of lungs relieved by Bristol waters		65
Absence of Governor Penn		73
Absentee Councillors not to be re-elected	•	122
Abstract of Canal papers to be printed		59
		98
Abstract of Cooke's last voyage	•	262
"A.C"		
Academy at Richmond, Va		171
Academy Natural Sciences desires to come in the Society's Hall		522
request refused		523
Academy Natural Sciences receives casts of mammoth bones		618
of Fine Arts invites Society to annual oration		424
Academie des Inscriptions, memoires presented		614
Academicus		
Acarius on Lichens bought		381
Accession or loss of strength in steel springs from weather		198
Account of Aurora Borealis	32	, 79
of the Bursted Hill in North Carolina		206
of the comet by Rittenhouse		58
of the comet by Stanhope		58
of the epidemic in Barbados		73
of Herschell's telescope		153
of the Illinois country.		69
of a lunar eclipse		87
of the torpedo or electrical eel		76
of West Florida		29
of the works of the literati		83
Accounts of Mr. Bradford	62, 8	1, 83
for building the observatory to be examined		45
of books presented		90
of Coombe		113
of canal survey		52
of Dawkins ordered paid		62
of De Haven to be paid		125
of Rediger to be paid		125
of Isabella Hunt to be paid		95
of Kennedy referred		61
of Pearson	•	63
of Strettel to be paid.		55
for recording deed		155
of sales of Transactions	• •	84
	, •	- 04
(713)		

	FAGE.
Accounts of Dr. Smith referred, and ordered paid	61
of Sam. Taylor ordered to be paid	81
of subscriptions produced	154
of Treasurer	
of Wells & Kaighn	
Acipenser	474
Act of Incorporation:	
blanks filled in	
passed	
engrossed	
asked for	
supplement to	
changes desirable in	
Adams, J. Q., bust of, presented	. 589, 622
Adams, Sam, letter from	. 101, 111
Adams, John, letter from	. 521, 451
Addition to Building Committee	
Additional laws and regulations	
observations on wool-bearing animals	
members agreed on	
Adelung, donation from	604
thanked	
Adjudication of the Magellanic Premium to be advertised	
Adoption of letter of thanks of certificate of membership	92 111
Address	<i>02,</i> 11.
to the Assembly	19
draft of, reported	
orderedread	
presented	
to the Assembly to be published	38
presented to Governor Richard Penn	67
of the Society to the President of Pennsylvania to be published.	. 101
delivered	
to Dr. Franklin	
of thanks to Rittenhouse	200
congratulatory to Dr. Priestley	
to General Washington vide Washingt	on.
on silk culture	50, 53
Admission fee of \$10 optional with non-resident members	386
to be lowered	160
Adrain, Prof. R., paper by	. 448, 474
Advertisement for clays	44
for marle	80
of annual election ordered	47,60,69
of Curators to be continued	5
of sale of Transactions ordered	6
of communications and presents	85
ordered of plan for encouraging paper manufacture	9
of meetings ordered	118
ordered of the award of the Magellanic Premium	. 156, 239
for return of books	25
Advance of annual payments to be procured from the members	7
Aerial voyages, paper on	13
Affairs of the Society to be looked into	
African Church address by Dr. Magaw, in the	22

	PAGE.
Agreement with Dilley rescinded	. 151
Agricultural Society to use the room leased to the College of Physicians	
desires S. E. cellar	
leases room from the A. P. S. for \$100	. 481
ceases to meet	
Agriculture, hints to improve	
Aid to be asked from the Assembly	
Aiken to be applied to, to print Transactions	
proposal accepted	
reports progress on Vol. II Transactions	
to send Vol. II Transactions to London for sale	. 146
to be paid	209, 213
money refunded to	. 152
letter from	171, 180
desires to publish Vol. III Transactions	. 183
proposals for Vol. III accepted	. 186
thanked	
writes about Vol. III Transactions	
accounts to be settled	. 317
Aitken, Jane proposes to print Vols. I, II, III Transactions	. 420
desires to print Transactions	
presents the Society with the binding of Barlow's Columbiad	. 434
Air, constitution of	
machine for freeing wells from	. 146
analysis of by Dr. Priestley	. 237
concretion of water from	. 237
generation of water from	. 237
effects of in disease.	
balloons, letter on	124, 125
to be sent up	. 126
balloon, steering apparatus for	
pump	
Albemarle Co., Va., settlers in	. 614
Albers, Dr. J. A., death of	. 502
Aldebaran, occultation of	. 364
Alden, Rev. Tim., letter from	435
paper by	. 439
Aldwin's paper on Anticosta winds	. 98
Alison, ν r., exhibits American wine	. 15
paper by	307, 313
Alleghany College receives Transactions	. 512
Alligator, anatomy of the	. 495
Alphabet of arithmetic	. 639
Alterations in Hall	. 607
in Laws of Membership	165. 186
Alternate motion, to convert into rotary	. 455
Alum from the banks of the Monongahela	. 79
bark	. 81
Amber from Crosswick's, N. J	. 447
from the Chesapeake and Delaware Canal	. 565
Amendments to By-Laws	. 247
of the Society's laws, if legal?	. 607
America, letter of Otto on the first discovery of	. 142
progressive population in	100
honey has not a native of	189
honey bee not a native of	. 213
discovered by the Norsemen	. 585
ancient languages of	557
American Academy Arts and Sciences sends memoirs	230

	P	AGE.
American Agricultural Society		141
animals, Catalogue of		72
asbestos		68
aboriginal tumuli and population, letter on		441
antiquities		441
flint glass		65
grape		16
jerboa	. 23	4, 333
lizard	• •	336
red-root dyes silk		143
rhubarb		18
silk, specimens of	• •	50
Society, minute of		11
vegetable dyes	• •	229
wine	• •	15
white glass, specimens exhibited	• •	150
antelope	57, 38	98, 398
slate	• •	384 491
literature in Europe	٠.	545
geography	• •	546
iron	٠.	593
Revolution, causes of the		534
medals presented		2
Philosophical Society	٠.	3
list of names	• •	3
minute book from January, 1768		7
minutes	• •	20
proposals for union	• • •	22
laws of the (see also "Society")	•	83
due Hopkinson demanded		182
paid for care of room		12
of members' fee fixed.		109
Amphibious animal from Baltimore Co., Md		87
serpents, paper on		255
Amulet found at Nashville		344
Analysis of air by Dr. Priestley		237
ordered of fossil epsom salt		. 115
of the Bristol chalvheate waters		. 17
of stone from ancient wall in North Carolina	2	260, 271
of longevity		. 401
of the blue iron earth of New Jersey		. 468
of Chrysoheryls by Henry Seybert		. 520
of Dutchess county soil		522 , 524
of lime, by Henry Seybert	• •	. 02.
of Retinasphalt		. 924
of inventions		. 22
Anomalous case of vaccine disease		. 40
Anatomical preparation by corrosion, paper on		. 143
Ancient Fort at Paint creek, Chillicothe, Ohio		. 40
fort at Muskingum		. 20
Western fortifications		. 20
wells in North Carolina	201,	209, 27
analysis of stone from		200, 27
fortification near Lexington, Ky		. 40
Ancient languages of America		. 55
Anchylosis, treatment of	• •	. 00

	PAU	
Anderson, Dr., sends recreations in Natural History		287
thanked		
paper by		230
Anderson, Dr. H. J., paper by.		
Andrada, letter from		521
Anemoscope.		307
Angina Suffocativa, paper on		60
Angle for the sails of a wind-mill	. 412,	413
Animal, amphibious, from Baltimore Co., Md		87
discovered in New Jersey		238
cotton	254,	305
heat	155,	460
incognitum	, 128,	267
Annam, Mr., letter on the tides in the Bay of Fundy		155
Annual dues fixed	122,	356
increased		136
diminished		166
raised to \$5		468
Annual election to be advertised		47
publication ordered of conditions of Magellanic Premium		198
publication of Transactions recommended		228
election	rs	
Annual oration		526
ordered		75
delivered by Dr. Smith		76
to be printed		76
delivered by Dr. Rush		
to be delivered by Rittenhouse		
delivered		95
to be delivered by Mr. Owen Biddle		110
delivered		111
to be delivered by Dr. Ewing	•	101
Ewing declines	•	101
Matlack appointed to deliver	•	106
delivered by Dr. Bond	110	
to be revived	. 112,	135
delivered by Rev. Sam. Smith	•	
to be delivered in the Hell of the University	•	148
to be delivered in the Hall of the University		148
Dr. Foulke requested to deliver		
to be printed		149
deferred	•	159
to be delivered by Dr. Priestley	٠	248
declined by Dr. Priestley		248
to be delivered by Dr. Barton	249,	280
to be regularly delivered	•	440
R. Walsh, Jr., elected to deliver	•	508
by Duponceau		
nominations for		
oration by C. J. Ingersoll		
address to be delivered by the President	•	5 77
orator nominated for 1804	•	336
Annual passage of herring.	•	97
Answer of President of Pennsylvania to be published,	•	101
Antelope, American,	, 388,	398
Antes, Col., paper by	. 323,	325
Anthony, Jos., presents the Society with the original charter of Penns	yl-	
vania, and is thanked		432

	PA	GE.
Anticosta, winds of		98
Antimony ore		81
Antiquities, Indian, presented		237
Mexican, presented	600,	601
Catalogue of		705
from Illinois		622
from Kentucky		622
from Quilca, South America		622
Antique Peruvian ewer presented		622
Antiquities presented by S. Humphreys		624
of the West, by Mr. Heart		202
Antiseptic medicine, paper on	•	84
Apocymum, medical uses of		42
Apparatus, list of		287
Apple tree worms		491
Application for use of College apparatus		8
to use the Council Chamber in the State House		8
to be made to the Assembly for a lot of ground to build on		89
Arango, Sr., takes Transactions to Lisbon		309
Arbo, John, letter and present of		64
Archbishop of Sweden, letter from		226
Archives of the Society to be arranged		709
Arch Street lot offered by Hopkinson		120
rented by Rittenhouse		125
houses built on		184
to be sold	165.	
sold		
Archer, Dr. J., letter from relative to an amphibious animal		87
Arctomys, head of		393
Area around Society, hall paid for	•	145
Areca nuts presented	•	232
to be grown at Bartram's garden		233
Argand lamps, oil for	•	306
improvement of		306
Argillaceous limestone from the Eric Canal		505
Arithmetic, alphabet of		652
Arkansas, Natural History of		541
Arndt, Jno., finds petrifactions	•	201
Arrearages to be paid	•	100
can be sued for.	•	175
for three years deprive of membership		122
Arsenic, tests for	182	
		503
Art of mining		171
Artificial horizon presented		488
Articles of Natural History from the Western Territory		178
of union agreed on by the two Societies	407	408
Asbestos writing paper		68
		29
sample of		
Ascension Isle, minerals and lava from		221
Asiatic plants presented		221
deposited with Mr. Hamilton	-	345
Asiatic Society, acknowledgment from	-	81
Asphaltos presented by Mr. Bainbridge		331
Asphyxia		991
Assets of the Silk Society		117

PAGE.
Assembly, address to
petitioned for a land grant
for funds
grants money
a lot
petitioned for two lots in State House yard
votes money for Transit observations
Transit observations to be laid before the
thanked for same
Act of, prevents Masonic occupation of the Society's Hall 164
Act of prevents masonic occupation of the Society's Hair
to be petitioned to erect an observatory
presented with the Transactions (Vol. I)
letter from
grants use of telescope
money to purchase a telescope
Astacus
Asterie des anciens
Astronomical papers
by de Ferrer
Ellicott
Holland
Meyer
Madison
Rittenhouse
observations to be collected
Astronomy, the study of, to be promoted
Atheneum desires to lease Society's rooms, but fails to obtain them 469
cbtains a lease
proposes to rent rooms from the Society
rents rooms 500
desires to take down the partition between their rooms 541
to build
a new arrangement
lease to the, about to expire
renewed
rent reduced 587
project of one Hall for the Societies and Libraries, &c., in Philadel-
phia
Atmospheric electricity, letter on
Atlee, Wm., letter of
thanked
Auditing Committee 36, 70, 71, 91, 156, 167, 180, 185, 186, 211, 217, 228, 236, 252, 253
265, 331,450, 451, 459, 468, 484, 492, 498, 506, 515, 523, 534, 547, 678, 710
Audubon discovers new Ibis
Aurora Borealis
disturbances of the needle
Austin D. letter from
Austin, D., letter from
Austin, Jas., paper by
Autographs of the Committees
Ava, minerals and shells from
Award of prizes
of Magellanic Premiums
Azam, orang-otang from
Azanbuja, paper by
Azure iron from Monmouth Co. N. I.

B.

₽-	PAG	Æ.
Bache, A. D., writes the minutes		C61
papers by		677
invents an instrument for oscillating a needle, &c		692
Bache, R., interest to be paid		203
sues the Society on bond to Franklin		262
presents Franklin's chair, and is thanked		202
Bache, Dr. on the os hyoides		390
Bache and Courtenay, paper by		686
Bachman, Rev. John, paper by	•	70 1
Baconian Philosophy		470
Baffin's Bay, Churchman projects a voyage to		173
Bagley, Charles, deposits Mexican antiquities		705
Bailey, Joel, death of	•	658
Bainad and Caillard propose to print the Transactions		123
Bainbridge, presents asphaltos	•	81
Baker, Hilary, to receive \$16		103
to receive \$30	•	104
Baker, Wm., letter from	•	160
Balance paid Smithers		63
due from Coombe to be collected		113
Baldwin, Dr. W., paper by		486
Balloon, letter on	124,	125
to be sent up	•	126
of metal	-	164
to be steered		484
Ballot box of a new construction	•	404
not to be opened till the end of the evening	217,	255
presented		519
Ballots not to be counted till the adjournment of Society		
Bancker's barometrical observations		59 7
Banks, Sir Joseph, letter from	•	160
Barnwell, Dr., paper by	235,	241
Barbados, account of the epidemic in		73
Barbour, Jas., letter from	•	527
Bard's paper on Angina Suffocativa		60
Barker's mill, improved by Rumsey		207
Barley from Siberia		65
Barnes, Jos., essay on wheels, &c		215
Barnwell, Dr., on the climate of New Orleans		471
Barometer, circular scheme for noting variations of		72
unusually high		646
Barometrical measurements of the Blue Ridge		234
fluctuations at Calcutta		500
observations		597
Barron, G., letter from	•	385
new system of navigation by	. 385,	386
Barron, Cap. Jas., paper on ventilating ships535,		537
returned to writer		546
patent trunk dock		557
Barth desires exchanges	•	562
Barton, Dr. B. S., letter of	, 342,	302
borrows teeth		589 97≅
returns same	•	375
receives Magellanic Premium	•	369
on the pernicious insects of the United States	940	369
delivers eulogium on Priestley	348,	369

	PAGE.
Barton, Dr. B. S., annotates Heckewelder's paper on the beaver	388
examines the Hortus siccus	397
Lewis' insects	380
the horned lizard	380
thanked ,	00, 369
papers by 276, 284, 294, 303, 308, 336, 357, 369, 396, 402, 405, 407, 426, 4	
paper to prove the honey bee not indigenous to America	213
on poisonous American honey	223
paper on Podophyllum dyphyllum	206
paper on effects of camphor on vegetables	241
paper on a white negro	241
on the bones of the tyger-lion	241
on Indian picture writing	354
on the American Dipus	234
on Sergeant's donations	239
draws the mammoth's bones	296
exhibits new rat, &c	330
borrows Stirpes Novæ	313
flora Batavia	329
Indian idol	322
buffalo horn	341
returns same	350
borrows Gould's History of Florida	343
returns same	344
exchanges books with the Society	362
to deliver annual oration	
on rattlesnake poison	196
on fascination	220
letter on American antiquities	441
eulogium on J. B. Smith	435 243
and W. Barton to report on their business	243
and Magaw to wait on Smith to obtain Society's effects	455
Barton, Dr. W. P. C., paper by	459
Bartonia genus	155
letter from	
Barton, M., donation	163
Barton, Dr. J. Rhea, paper by	564
Barton, Wm., observations on population and longevity in the United	
States	169
letter of, on births and deaths in Philadelphia	181
on the population of the United States	193
letter of	169
resigns from council	217
Bartram, W., paper by	328
travels in Georgia	206
grows areca nuts	233
Basalts of the Conewago hills	278
from the Passaic river	401
Base Metrique decimal presented	410
Basque Testament presented	409
Basement to be altered	79, 580
Batavian Society sends Transactions	120
Transactions recovered from England	364
to be examined by Duponceau	364
to receive Transactions Vol. II	195
inquiries about American improvements in steam engines	326
PROC. AMER. PHILOS. SOC. I. XIVI. PRINTED OCTOBER 28, 1884.	

PAGE.
Bathometer
Baton Rouge
Battery, galvanic, of Hare
Bauman, Major, plan of the siege of Yorktown 619
Bayle's dictionary deposited
Bear, emetic
Bear's gut
Beaseley withdraws paper on the Baconian philosophy 486
Beaufoy, Henry, thanked
Beaumont's experiments on digestion
Beauvue, de P., paper on Cryptogamia
Beauvois discovers a new animal in New Jersey
letter of
papers by
Beaver of North America, facts relative to the
paper on the
Becquerel's method of reducing silver ore
Becson spelled Beeson
Bed, model of a sick
Bedford Springs, letter on the
Bee stings cause death
Bee-hive insect
Belknap, letter on Aurora Borealis
letter of
Bell fused by lightning
Bell, Robert, waits on the Society
Belleville, Ohio, Indian relics found at
Bellows to drive a mill
Benches, &c., ordered
Benches, &c., ordered
Bene seed, on cutting and gathering
Bene seed, on cutting and gathering
Bene seed, on cutting and gathering
Bene seed, on cutting and gathering
Bene seed, on cutting and gathering 44 Bequest vide also legacy, &c of Dr. Woodhouse 416 of Mrs. Rittenhouse 287
Bene seed, on cutting and gathering 44 Bequest vide also legacy, &c. of Dr. Woodhouse 416 of Mrs. Rittenhouse 287 of T. P. Smith 337, 338, 340, 341
Bene seed, on cutting and gathering 44 Bequest vide also legacy, &c. of Dr. Woodhouse 416 of Mrs. Rittenhouse 287 of T. P. Smith 337, 338, 340, 341 of Isaiah Thomas 617
Bene seed, on cutting and gathering
Bene seed, on cutting and gathering
Bene seed, on cutting and gathering 44 Bequest vide also legacy, &c. of Dr. Woodhouse. 287 of Mrs. Rittenhouse 287 of T. P. Smith 337, 338, 340, 341 of Isalah Thomas 617 of Wm. Tilghman 570 Berber language 520, 521, 550, 582, 583, 596 girdle and books deposited 602, 603
Bene seed, on cutting and gathering 44 Bequest vide also legacy, &c. of Dr. Woodhouse 416 of Mrs. Rittenhouse 287 of T. P. Smith 337, 338, 340, 341 of Isaiah Thomas 617 of Wm. Tilghman 570 Berber language 520, 521, 550, 582, 583, 596 girdle and books deposited 602, 603 Berlin Academy's prizes 681
Bene seed, on cutting and gathering 44 Bequest vide also legacy, &c. of Dr. Woodhouse 416 of Mrs. Rittenhouse 287 of T. P. Smith 337, 338, 340, 341 of Isaiah Thomas 617 of Wm. Tilghman 570 Berber language 520, 521, 550, 582, 583, 596 girdle and books deposited 602, 603 Berlin Academy's prizes 681 memoirs presented 583
Bene seed, on cutting and gathering 44 Bequest vide also legacy, &c. of Dr. Woodhouse 416 of Mrs. Rittenhouse 287 of T. P. Smith 337, 338, 340, 341 of Isaiah Thomas 617 of Wm. Tilghman 570 Berber language 520, 521, 550, 582, 588, 596 girdle and books deposited 602, 603 Berlin Academy's prizes 681 memoirs presented 583 Berry seed oil 39
Bene seed, on cutting and gathering 44 Bequest vide also legacy, &c. of Dr. Woodhouse 416 of Mrs. Rittenhouse 287 of T. P. Smith 337, 338, 340, 341 of Isaiah Thomas 617 of Wm. Tilghman 570 Berber language 520, 521, 550, 582, 583, 596 girdle and books deposited 602, 603 Berlin Academy's prizes 681 memoirs presented 583 Berry seed oil 39 equal to Florence oil 39 to be experimented with 39 Berzelius, donation from 597
Bene seed, on cutting and gathering 44 Bequest vide also legacy, &c. of Dr. Woodhouse 416 of Mrs. Rittenhouse 287 of T. P. Smith 337, 338, 340, 341 of Isaiah Thomas 617 of Wm. Tilghman 570 Berber language 520, 521, 550, 582, 583, 596 girdle and books deposited 602, 603 Berlin Academy's prizes 681 memoirs presented 583 Berry seed oil 39 equal to Florence oil 39 to be experimented with 39 Berzelius, donation from 597 Bezoars presented 228, 344
Bene seed, on cutting and gathering 44 Bequest vide also legacy, &c. of Dr. Woodhouse 287 of Mrs. Rittenhouse 287 of T. P. Smith 337, 338, 340, 341 of Isalah Thomas 617 of Wm. Tilghman 570 Berber language 520, 521, 550, 582, 583, 596 girdle and books deposited 602, 603 Berlin Academy's prizes 681 memoirs presented 583 Berry seed oil 39 equal to Florence oil 39 to be experimented with 39
Bene seed, on cutting and gathering 44 Bequest vide also legacy, &c. of Dr. Woodhouse 416 of Mrs. Rittenhouse 287 of T. P. Smith 337, 338, 340, 341 of Isaiah Thomas 617 of Wm. Tilghman 570 Berber language 520, 521, 550, 582, 583, 596 girdle and books deposited 602, 603 Berlin Academy's prizes 681 memoirs presented 583 Berry seed oil 39 equal to Florence oil 39 to be experimented with 39 Berzelius, donation from 597 Bezoars presented 228, 344
Bene seed, on cutting and gathering 44 Bequest vide also legacy, &c. of Dr. Woodhouse. 287 of Mrs. Rittenhouse 287 of T. P. Smith 337, 338, 340, 341 of Isalah Thomas 617 of Wm. Tilghman 570 Berber language 520, 521, 550, 582, 588, 596 girdle and books deposited 602, 603 Berlin Academy's prizes 681 memoirs presented 583 Berry seed oil 39 equal to Florence oil 39 to be experimented with 39 Bezzalius, donation from 597 Bezoars presented 228, 344 Biddle, Clem. C., to draw up the bond and mortgage to Franklin 156
Bene seed, on cutting and gathering 44 Bequest vide also legacy, &c. of Dr. Woodhouse 287 of Mrs. Rittenhouse 287 of T. P. Smith 337, 338, 340, 341 of Isaiah Thomas 617 of Wm. Tilghman 570 Berber language 520, 521, 550, 582, 583, 596 girdle and books deposited 602, 603 Berlin Academy's prizes 681 memoirs presented 583 Berry seed oil 39 equal to Florence oil 39 to be experimented with 39 Bezolius, donation from 597 Bezoars presented 228, 344 Biddle, Clem. C., to draw up the bond and mortgage to Franklin 150 Biddle, J., deposit by 473 Biddle, N., to deliver eulogium on Jefferson 556, 564
Bene seed, on cutting and gathering 44 Bequest vide also legacy, &c. of Dr. Woodhouse. 287 of Mrs. Rittenhouse 287 of T. P. Smith 337, 338, 340, 341 of Isalah Thomas 617 of Wm. Tilghman 570 Berber language 520, 521, 550, 582, 583, 596 girdle and books deposited 602, 603 Berlin Academy's prizes 681 memoirs presented 583 Berry seed oil 39 equal to Florence oil 39 to be experimented with 39 Bezzelius, donation from 597 Bezoars presented 228, 344 Biddle, Clem. C., to draw up the bond and mortgage to Franklin 156 paid for deed 150 Biddle, J., deposit by 473 Biddle, N., to deliver eulogium on Jefferson 556, 564 delivers the same 565
Bene seed, on cutting and gathering 44 Bequest vide also legacy, &c. of Dr. Woodhouse 287 of Mrs. Rittenhouse 287 of T. P. Smith 337, 338, 340, 341 of Isaiah Thomas 617 of Wm. Tilghman 570 Berber language 520, 521, 550, 582, 583, 596 girdle and books deposited 602, 603 Berlin Academy's prizes 681 memoirs presented 583 Berry seed oil 39 equal to Florence oil 39 to be experimented with 39 Bezolius, donation from 597 Bezoars presented 228, 344 Biddle, Clem. C., to draw up the bond and mortgage to Franklin 150 Biddle, J., deposit by 473 Biddle, N., to deliver eulogium on Jefferson 556, 564
Bene seed, on cutting and gathering 44 Bequest vide also legacy, &c. of Dr. Woodhouse. 416 of Mrs. Rittenhouse 287 of T. P. Smith 337, 338, 340, 341 of Isalah Thomas 617 of Wm. Tilghman 570 Berber language 520, 521, 550, 582, 583, 596 girdle and books deposited 602, 603 Berlin Academy's prizes 681 memoirs presented 583 Berry seed oil 39 equal to Florence oil 39 to be experimented with 39 Bezoars presented 228, 344 Biddle, Clem. C., to draw up the bond and mortgage to Franklin 156 paid for deed 150 Biddle, J., deposit by 473 Biddle, N., to deliver eulogium on Jefferson 556, 564 delivers the same 565 thanked 565 Biddle, Owen, observations by 55
Bene seed, on cutting and gathering 44 Bequest vide also legacy, &c. of Dr. Woodhouse. 416 of Mrs. Rittenhouse 287 of T. P. Smith 337, 338, 340, 341 of Isaiah Thomas 617 of Wm. Tilghman 520, 521, 550, 582, 583, 596 gridle and books deposited 602, 603 Berlin Academy's prizes 681 memoirs presented 583 Berry seed oil 39 equal to Florence oil 39 to be experimented with 39 Bezolius, donation from 597 Bezoars presented 223, 344 Biddle, Clem. C., to draw up the bond and mortgage to Franklin 156 paid for deed 150 Biddle, J., deposit by 473 Biddle, N., to deliver eulogium on Jefferson 556, 564 delivers the same 565 thanked 556 Biddle, Owen, observations by 55 account to be paid 37, 56
Bene seed, on cutting and gathering 44 Bequest vide also legacy, &c. of Dr. Woodhouse. 416 of Mrs. Rittenhouse 287 of T. P. Smith 337, 338, 340, 341 of Isalah Thomas 617 of Wm. Tilghman 570 Berber language 520, 521, 550, 582, 583, 596 girdle and books deposited 602, 603 Berlin Academy's prizes 681 memoirs presented 583 Berry seed oil 39 equal to Florence oil 39 to be experimented with 39 Bezzelius, donation from 597 Bezoars presented 223, 344 Biddle, Clem. C., to draw up the bond and mortgage to Franklin 156 paid for deed 150 Biddle, J., deposit by 473 Biddle, N., to deliver eulogium on Jefferson 565, 564 delivers the same 565 thanked 565 Biddle, Owen, observations by 55 account to be paid 37, 56 returns first Vol. Society's minutes 85
Bene seed, on cutting and gathering 44 Bequest vide also legacy, &c. of Dr. Woodhouse. 416 of Mrs. Rittenhouse 287 of T. P. Smith 337, 338, 340, 341 of Isaiah Thomas 617 of Wm. Tilghman 520, 521, 550, 582, 583, 596 gridle and books deposited 602, 603 Berlin Academy's prizes 681 memoirs presented 583 Berry seed oil 39 equal to Florence oil 39 to be experimented with 39 Bezolius, donation from 597 Bezoars presented 223, 344 Biddle, Clem. C., to draw up the bond and mortgage to Franklin 156 paid for deed 150 Biddle, J., deposit by 473 Biddle, N., to deliver eulogium on Jefferson 556, 564 delivers the same 565 thanked 556 Biddle, Owen, observations by 55 account to be paid 37, 56
Bene seed, on cutting and gathering 44 Bequest vide also legacy, &c. of Dr. Woodhouse. 416 of Mrs. Rittenhouse 287 of T. P. Smith 337, 338, 340, 341 of Isalah Thomas 617 of Wm. Tilghman 570 Berber language 520, 521, 550, 582, 583, 596 girdle and books deposited 602, 603 Berlin Academy's prizes 681 memoirs presented 583 Berry seed oil 39 equal to Florence oil 39 to be experimented with 39 Bezzelius, donation from 597 Bezoars presented 223, 344 Biddle, Clem. C., to draw up the bond and mortgage to Franklin 156 paid for deed 150 Biddle, J., deposit by 473 Biddle, N., to deliver eulogium on Jefferson 565, 564 delivers the same 565 thanked 565 Biddle, Owen, observations by 55 account to be paid 37, 56 returns first Vol. Society's minutes 85

PAG	Ľ
	147
	136 78
	79
	88
	64
	17
for area around Society's Hall	45
•	02
	01
	52
of Michael Cirbet	64
for scantling and paving	85
for laying the floor	96
	64
Bills presented	.03
Bills of mortality in Philadelphia	99
Billings, Capt. Wm., journal of	07
	54
Binney, Horace, acknowledges election	08
	86
Binomial theorem, new demonstration of	48
	36
Biot, paper by	79
letter from	77
	62
Birds charmed by snakes	62
moulting of	78
	75
	25
	04
	20
	36
	19
	17
	97
	11
vomit, analysis of by Dr. Cathrell	00
	97
	39
	01 79
pages in the minutes	
	$\frac{18}{72}$
Blind education of	12 31
	87
Bloomfield, Jos. E., deposits Peruvian relics	
Blue iron earth of New Jersey	
	30
Board of Health to receive Guyton Morveau's disinfecting apparatus 39	
Boardley, J. B., papers by	
letter from	
	55
Boilerless steam engine	,IJ ₹5
Bonaparte, C. L	
Paper by	

PAGE.
Bond, Dr., papers by
delivers annual oration
exhibits unusually large human kidney
dies
Bond and mortgage to be drawn up for Franklin's money 156
Bond paid off by Vaughan
taken from Treasurer Syng
from Treasurer Coombe
to be given by Treasurers
Bones
from Kentucky caves
of the mammoth, letters on
of the mammoth presented to the Society
found at Woodbury, N. J
at Big Lick, Ky
presented by Gen. Wilkinson reported on
fossil preserved
loaned Dr. Hewson
of the mastodon
human, found in Brazil
of the Megalonix to be reproduced for Dr. De Kay 532
to be drawn by Lesueur
from Arkansas
Book for verbal communications
for members' signatures
ordered to register deaths of members, and in which their biogra-
phies are to be entered
for Standing Committees
for loans to be provided
for roll and signatures of members
for donations to be procured
Books, to protect from worms
loaned
bought from Franklin's Library
to be reclaimed from the University
arranged by size
labels for, ordered
made of roots and barks
and apparatus to be catalogued
missing from the Library
presented, account of
received through Franklin
to be suggested by members for purchase
lists of to be reported to the Society
sent by Franklin
for the Society in Boston
to be returned
presented by Adelung
to be removed from the Library to the adjoining room 497
expense of arranging to be paid
deposited by Short
by Vaughan
by Mr. Strickland
bought by Ord for the Society 341, 368, 517, 519, 520, 603, 621, 626, 659, 683,
695, 702, 703

Bookbinder to deliver Transactions to Mr. Clifford							65
to Mr. Bradford							71
Bookcase ordered							301
to be paid for							88
locks for							276
Boston, map of deposited					•	•	561
soil of	• •	•			٠	•	415
Botanical garden suggested	• •	• •		•	•	•	464
plan for a	• •	• •	•	•	•	•	$\frac{219}{219}$
to be planted		•	• •	• •	•	•	126
prints presented		•	• •	• •	٠		133
Botta, C., death of	• •	•	•	•	•	•	707
Boulinot, E., letter of	• •		• •	•	•	•	119 503
Boulton, Matthew, medal of	٠.	• •	• •	•	•	•	$\frac{303}{241}$
Boundary between United States and Spanish possessions						-	651
Boushe, on the circle and sphere							626
Bowditch, N., paper by							330
Bowdoin's address before American Academy Arts and Sci							$\frac{330}{112}$
queries on magnetism							178
Bowdoin College, solar observations at	٠.	• •		• •	•	•	394
Bowl, a new leather.	• •	•			•	•	48
Boyle, Peter, presents limestone echinus							204
thanked							204
Boyle's works deposited							523
Brackenridge, H. M., letter on North American aborigi							
population							441
Bradford to receive Transactions							71
to obtain the money on the copies sent away of t							
for sale							74
agreed to print second Val Evensections							
agrees to print second voi. Transactions							96
agrees to print second Vol. Transactions account asked for	• •	•			•	. 62	, 81
account asked for	• •		• •	 	:	. 62	, 81 83
account asked for	• •	•	• •	 	•	. 62	, 81 83 84
account asked for to be reported rendered. Bradford, Thos , appointed printer to the Society	• • •	• •	• •	• •	:	. 62	, 81 83 84 125
account asked for to be reported rendered Bradford, Thos, appointed printer to the Society answer unsatisfactory	• • •	• •		• •		. 62	, 81 83 84 125 128
account asked for to be reported rendered Bradford, Thos, appointed printer to the Society answer unsatisfactory Bradford, S. F., thanked	• • •	• • •		• •	•	. 62	, 81 84 125 128 319
account asked for to be reported rendered. Bradford, Thos, appointed printer to the Society. answer unsatisfactory Bradford, S. F., thanked proposes to publish portraits of Indian chiefs				• •	•	. 62	, 81 84 125 128 319 604
account asked for to be reported rendered. Bradford, Thos, appointed printer to the Society answer unsatisfactory Bradford, S. F., thanked proposes to publish portraits of Indian chiefs Brahm, letter from				• •	• • • • • • • • • • • • • • • • • • • •	. 62	, 81 84 125 128 319 604 209
account asked for to be reported rendered Bradford, Thos, appointed printer to the Society answer unsatisfactory Bradford, S. F., thanked proposes to publish portraits of Indian chiefs Brahm, letter from Brand, Jno., letter from						. 62	, 81 84 125 128 319 604 209 327
account asked for to be reported rendered. Bradford, Thos, appointed printer to the Society. answer unsatisfactory Bradford, S. F., thanked proposes to publish portraits of Indian chiefs Brahm, letter from Brand, Jno., letter from Brazil chrysoberyls.					•	. 62	, 81 84 125 128 319 604 209 327 526
account asked for to be reported rendered Bradford, Thos, appointed printer to the Society answer unsatisfactory Bradford, S. F., thanked proposes to publish portraits of Indian chiefs Brahm, letter from Brand, Jno., letter from Brazil chrysoberyls, Breviary presented						. 62	, 81 83 84 125 128 319 604 209 327 526 428
account asked for to be reported rendered Bradford, Thos, appointed printer to the Society answer unsatisfactory Bradford, S. F., thanked proposes to publish portraits of Indian chiefs Brahm, letter from Brand, Jno., letter from Brazil chrysoberyls, Breviary presented Bridge, new plan for a wooden						. 62	83 84 125 128 319 604 209 327 526 428
account asked for to be reported rendered Bradford, Thos , appointed printer to the Society answer unsatisfactory Bradford, S. F., thanked proposes to publish portraits of Indian chiefs Brahm, letter from Brand, Jno., letter from Brazil chrysoberyls Breviary presented Bridge, new plan for a wooden model of a						. 62	, 81 83 84 125 128 319 604 209 327 526 428 481
account asked for to be reported rendered. Bradford, Thos, appointed printer to the Society. answer unsatisfactory Bradford, S. F., thanked proposes to publish portraits of Indian chiefs Brahm, letter from Brand, Jno., letter from Brazil chrysoberyls Breviary presented Bridge, new plan for a wooden model of a Briggs requests loan of transit instrument.						. 62	, 81 83 84 125 128 319 604 209 327 526 428 481 146 337
account asked for to be reported rendered Bradford, Thos, appointed printer to the Society answer unsatisfactory Bradford, S. F., thanked proposes to publish portraits of Indian chiefs Brahm, letter from Brand, Jno., letter from Brazil chrysoberyls Breviary presented Bridge, new plan for a wooden model of a Briggs requests loan of transit instrument. refused						. 62	, 81 83 84 125 128 319 604 209 327 526 428 481 146 337 338
account asked for to be reported rendered Bradford, Thos, appointed printer to the Society answer unsatisfactory Bradford, S. F., thanked proposes to publish portraits of Indian chiefs Brahm, letter from Brand, Jno., letter from Brazil chrysoberyls Breviary presented Bridge, new plan for a wooden model of a Briggs requests loan of transit instrument. refused Brisbane, Jas., letter on lunar observations						. 62	, 81 84 125 128 319 604 209 327 526 428 481 146 337 338
account asked for to be reported rendered. Bradford, Thos, appointed printer to the Society answer unsatisfactory Bradford, S. F., thanked proposes to publish portraits of Indian chiefs. Brahm, letter from Brand, Jno., letter from Brazil chrysoberyls Breviary presented. Bridge, new plan for a wooden model of a. Briggs requests loan of transit instrument. refused. Brisbane, Jas., letter on lunar observations Bristol chalybeate waters.						. 62	, 81 84 125 128 319 604 209 327 526 428 481 146 337 338 174
account asked for to be reported rendered. Bradford, Thos, appointed printer to the Society. answer unsatisfactory Bradford, S. F., thanked proposes to publish portraits of Indian chiefs. Brahm, letter from Brand, Jno., letter from Brazil chrysoberyls. Breviary presented. Bridge, new plan for a wooden model of a. Briggs requests loan of transit instrument. refused. Brisbane, Jas., letter on lunar observations. Bristol chalybeate waters. British records presented.						. 62	, 81 84 125 128 319 604 209 327 526 428 481 146 337 338
account asked for to be reported rendered. Bradford, Thos, appointed printer to the Society. answer unsatisfactory Bradford, S. F., thanked proposes to publish portraits of Indian chiefs. Brahm, letter from Brand, Jno., letter from Brazil chrysoberyls Breviary presented. Bridge, new plan for a wooden model of a. Briggs requests loan of transit instrument. refused. Brisbane, Jas., letter on lunar observations Bristol chalybeate waters British records presented Brodie, C. C., invents a method of repairing ships' sides un		th	ie s		·	. 62	, 81 84 125 128 319 604 209 327 526 428 481 146 337 338 174 65
account asked for to be reported rendered. Bradford, Thos, appointed printer to the Society. answer unsatisfactory Bradford, S. F., thanked proposes to publish portraits of Indian chiefs. Brahm, letter from Brand, Jno., letter from Brazil chrysoberyls. Breviary presented Bridge, new plan for a wooden model of a. Briggs requests loan of transit instrument. refused. Brisbane, Jas., letter on lunar observations Bristol chalybeate waters. British records presented Brodie, C. C., invents a method of repairing ships' sides un of the water.			ie s	· · · · · · · · · · · · · · · · · · ·	·	. 62	, 81 83 84 125 128 319 604 209 327 526 428 481 146 337 338 174 65 678
account asked for to be reported rendered. Bradford, Thos, appointed printer to the Society answer unsatisfactory Bradford, S. F., thanked proposes to publish portraits of Indian chiefs. Brahm, letter from Brand, Jno., letter from Brazil chrysoberyls Breviary presented. Bridge, new plan for a wooden model of a. Briggs requests loan of transit instrument. refused. Brisbane, Jas., letter on lunar observations Bristol chalybeate waters. British records presented Brodie, C. C., invents a method of repairing ships' sides ur of the water. receives extra Magellanic Premium for same	der	th	ie s		fac	. 62	, 81 83 84 125 128 319 604 209 327 526 428 481 146 337 338 174 65 678
account asked for to be reported rendered. Bradford, Thos, appointed printer to the Society. answer unsatisfactory Bradford, S. F., thanked proposes to publish portraits of Indian chiefs. Brahm, letter from Brand, Jno., letter from Brazil chrysoberyls. Breviary presented. Bridge, new plan for a wooden model of a. Briggs requests loan of transit instrument. refused. Brisbane, Jas., letter on lunar observations. Bristol chalybeate waters. British records presented Brodie, C. C., invents a method of repairing ships' sides ur of the water receives extra Magellanic Premium for same Brown, F., presents antique ewer.		th	Le s		fac	. 62	, 81 83 84 125 128 319 604 209 327 526 428 481 146 337 338 174 65 678
account asked for to be reported rendered. Bradford, Thos, appointed printer to the Society. answer unsatisfactory Bradford, S. F., thanked proposes to publish portraits of Indian chiefs. Brahm, letter from Brand, Jno., letter from Brazil chrysoberyls. Breviary presented. Bridge, new plan for a wooden model of a. Briggs requests loan of transit instrument. refused. Brisbane, Jas., letter on lunar observations British records presented Brodie, C. C., invents a method of repairing ships' sides un of the water. receives extra Magellanic Premium for same Brown, F., presents antique ewer. Brown, Jas., replies to the Society's letter of condolence.		th	le s		fac	. 62	, 81 83 84 125 128 319 604 209 327 526 428 481 146 337 338 174 65 678
account asked for to be reported rendered. Bradford, Thos, appointed printer to the Society. answer unsatisfactory Bradford, S. F., thanked proposes to publish portraits of Indian chiefs. Brahm, letter from Brand, Jno., letter from Brazil chrysoberyls. Breviary presented. Bridge, new plan for a wooden model of a. Briggs requests loan of transit instrument. refused. Brisbane, Jas., letter on lunar observations. Bristol chalybeate waters. British records presented Brodie, C. C., invents a method of repairing ships' sides ur of the water receives extra Magellanic Premium for same Brown, F., presents antique ewer.		th	ie s		fac	. 62	, 81 84 125 128 319 604 209 327 526 428 481 146 337 338 174 65 678 542 543 599 595

PAGE
Brown, Jas., Gilpin to prepare sketch of 670
Brown, Jno., letter from
Brown, Jno. P., deposits Turkish and Arabic books 681
Brown, Dr. Sam., letter from
paper by
borrows lithographic stone
death of
obituary notice of
memoir of
Browne, P. A., paper by
letter from
goes to Europe
Bry presents bones from Arkansas
Bryant, Dr. (of Trenton), letter of
Buchan, Earl of, donations from
presents potrait of Napier
cast of self
snuff box returned to the Society
Buchanan, J., paper by
Buel's types reported on
thanked
Buffalo horn loaned to Dr. Barton
returned
Buffon, letter of
thanked
Buffon's Natural History presented
Bugs, to preserve peas from
Building Committee
to collect subscriptions
discharged and a new one appointed
increased
to secure work against the weather
ordered to carry up the walls
to see if Masons would occupy part of the Society's building 166
chosen
report alterations completed in Hall
Building, lot to be obtained for a
proposed in company with the City Library
of the Society in State House yard to be sold
to be erected at once
in State House Square to be asked from the Assembly 127
stone to be procured for
form of subscription for the
plan of the
moneys to be paid for
to be carried on by the Committee on subscriptions
£10 presented for, by B. Vaughan
one, for all the Societies, &c., in Philadelphia
stones, paper on
from the Potomac
Bull, M., paper by
letter from
Bulletin de la Société Philomathique
subscription to
Bulletin Universal
subscribed for
thanked 149

PAGE.
Burrough, Dr., paper by
Burgeus, Dr., letter from
Burgsten, paper by
Bursted Hill in North Carolina
Busby, Mr., paper by
Bushnell's torpedo
paper to be published
Business, new, not to be taken up by Committees
• • • • • • • • • • • • • • • • • • • •
of Condorcet presented
of Cuvier presented by Dr. Harlan
of Franklin presented
(by Houdon) presented
presented by Sansom
cast to be permitted to be taken from
copied for the Franklin Institute 543
of La Fayette presented
of Homer presented
of Jefferson presented
of Rittenhouse presented by Ceracchi
of Count N. Romanzoff presented
of Turgot presented
Bustamente, death of
•
relative to donations
order of business
election of members
as to the funds proposed
Librarian
life membership
meetings
the operations of the Treasury
annual contributions
committees
rules of order
new 205
revision of 257, 350, 351, 519, 528, 536, 538, 585, 614, 632, 633, 634, 635, 636, 637
to be published
Byrd's MS. History of the line between North Carolina and Virginia 559
Byrnes' house, meeting at
Byrnes, Daniel, paper by
letter from
Bywater, J., letter from
by water, b., restor from
C.

Cabarrus Co. (North Carolina), gold
Cabinet of the Society
Curators' report on increase of
scheme for arranging
to be catalogued
"Cadmus," to receive a prize
to be printed
Caffrey, J., letter from
Caire Marand nanar by 905 907

	PAG	
Calamities of great cities, how to mitigate,	. 2	80 93
Calcareous matters, to reduce easily into lime	•	
Calculous concretion found in horses		00
Calcutta, barometrical fluctuations at	-	15
Caldwell, Dr., borrows electrical machine		28
returns same		35
paper by	•	18
Calendar, reform of the French		81
Mexican presented	•	14
Call for a renewal of the Society's meetings		99
Calorimotor	-	91
Cameos converted into intaglios, observed by Rittenhouse	-	30
Camper, A. G., letter from		58
Camphor, effects of on vegetables	-	41
Canada, astronomical observations made in, by Holland	-	70
Canal through the Isthmus of Darien		 38
through Cape Cod		38
from Chester river to Delaware bay	-	32
cost of	•	32
papers, abstract to be printed	-	59
to join the Susquehanna and Schuylkill	•	66
papers to be laid before the merchants		51
subscriptions, list of	-	84
C. and D., scheme revived	-	04
locks, to build cheaply		
locks, substitutes for	536. 5	38
reported on adversely		40
Canarie tree, oil of		24
eatable		41
Cancer-powder		41
Cancer cured by Guest		
	230, 2	36
Candidates for membership, list of available, to be made out by the		36
Candidates for membership, list of available, to be made out by the council.	е	36 05
council	e . 5	
	e . 5 . 3	05
twice postponed, not to be further considered not to be balloted for in absence of proposer	e . 5 . 3	05 53
twice postponed, not to be further considered not to be balloted for in absence of proposer for orator, to be nominated and elected by ballot	e . 5 . 3 . 3	05 53 53
council. twice postponed, not to be further considered not to be balloted for in absence of proposer. for orator, to be nominated and elected by ballot Candles ordered	e . 5 . 3 . 3	05 53 53 53
twice postponed, not to be further considered not to be balloted for in absence of proposer for orator, to be nominated and elected by ballot	e . 5 . 3 . 3	05 53 53 53 52
council. twice postponed, not to be further considered. not to be balloted for in absence of proposer. for orator, to be nominated and elected by ballot. Candles ordered. paid for. Cantharides, discovery of a Canvas, improved, offered for a premium.	e . 5 . 3 . 3	05 53 53 53 52 73
council. twice postponed, not to be further considered. not to be balloted for in absence of proposer. for orator, to be nominated and elected by ballot. Candles ordered. paid for. Cantharides, discovery of a Canvas, improved, offered for a premium.	e . 5 . 3 . 3 . 3 . 4 . 4	05 53 53 53 52 73 41
council. twice postponed, not to be further considered. not to be balloted for in absence of proposer. for orator, to be nominated and elected by ballot. Candles ordered. paid for. Cantharides, discovery of a Canvas, improved, offered for a premium. Caoulchoue sheet, to make.	e . 5 . 3 . 3 . 3 . 4 . 5	05 53 53 52 73 41
council. twice postponed, not to be further considered. not to be balloted for in absence of proposer. for orator, to be nominated and elected by ballot. Candles ordered. paid for. Cantharides, discovery of a Canvas, improved, offered for a premium.	e	05 53 53 52 73 41 90
council. twice postponed, not to be further considered. not to be balloted for in absence of proposer. for orator, to be nominated and elected by ballot. Candles ordered. paid for. Cantharides, discovery of a Canvas, improved, offered for a premium. Caoutchoue sheet, to make. Cape Cod Canal.	e	05 53 53 52 73 41 90 98 38
council. twice postponed, not to be further considered. not to be balloted for in absence of proposer. for orator, to be nominated and elected by ballot. Candles ordered. paid for. Cantharides, discovery of a Canvas, improved, offered for a premium. Caoulchoue sheet, to make. Cape Cod Canal Florida. Francois, the late disaster at of Good Hope, Met. Register kept at.	e	05 53 53 53 52 73 41 90 98 38
council. twice postponed, not to be further considered. not to be balloted for in absence of proposer. for orator, to be nominated and elected by ballot. Candles ordered. paid for. Cantharides, discovery of a Canvas, improved, offered for a premium. Caoulchoue sheet, to make. Cape Cod Canal Florida. Francois, the late disaster at of Good Hope, Met. Register kept at.	e	05 53 53 52 73 41 90 98 38 08
council. twice postponed, not to be further considered not to be balloted for in absence of proposer. for orator, to be nominated and elected by ballot. Candles ordered. paid for. Cantharides, discovery of a Canvas, improved, offered for a premium Caoutchouc sheet, to make. Cape Cod Canal Florida Francois, the late disaster at	e . 5 . 3 . 3 . 4 . 5 . 3 . 3 . 2 . 4 .	05 53 53 52 73 41 90 98 38 08 18
council. twice postponed, not to be further considered. not to be balloted for in absence of proposer. for orator, to be nominated and elected by ballot. Candles ordered. paid for. Cantharides, discovery of a Canvas, improved, offered for a premium. Caoutchoue sheet, to make. Cape Cod Canal. Florida. Francois, the late disaster at of Good Hope, Met. Register kept at of Good Hope, plants at	e	05 53 53 52 73 41 90 98 38 08 18 15
council. twice postponed, not to be further considered. not to be balloted for in absence of proposer. for orator, to be nominated and elected by ballot. Candles ordered. paid for. Cantharides, discovery of a Canvas, improved, offered for a premium. Caoutchoue sheet, to make. Cape Cod Canal. Florida. Francois, the late disaster at of Good Hope, Met. Register kept at of Good Hope, plants at. Carey, M., offers to publish the Cat. of the Society's Library.	e	05 53 53 53 52 73 41 90 98 38 08 18 15 73
council. twice postponed, not to be further considered. not to be balloted for in absence of proposer. for orator, to be nominated and elected by ballot. Candles ordered. paid for. Cantharides, discovery of a Canvas, improved, offered for a premium. Caoutchoue sheet, to make. Cape Cod Canal. Florida. Francois, the late disaster at of Good Hope, Met. Register kept at of Good Hope, plants at Carey, M., offers to publish the Cat. of the Society's Library. paper by Cary, H. C., borrows the Soc.'s Sextant. Carbon points for electrical rods, to receive a prize.	e	05 53 53 52 73 41 90 98 38 15 73 05 48
council. twice postponed, not to be further considered. not to be balloted for in absence of proposer. for orator, to be nominated and elected by ballot. Candles ordered. paid for. Cantharides, discovery of a Canvas, improved, offered for a premium. Caoutchoue sheet, to make. Cape Cod Canal. Florida. Francois, the late disaster at of Good Hope, Met. Register kept at of Good Hope, plants at. Carey, M., offers to publish the Cat. of the Society's Library. paper by. Cary, H. C., borrows the Soc.'s Sextant. Carbon points for electrical rods, to receive a prize. Carlisle, N., letters from	e	05 53 53 53 52 73 41 90 98 38 08 18 15 73 648 69 89
council. twice postponed, not to be further considered. not to be balloted for in absence of proposer. for orator, to be nominated and elected by ballot. Candles ordered. paid for. Cantharides, discovery of a Canvas, improved, offered for a premium. Caoutchoue sheet, to make. Cape Cod Canal. Florida. Francois, the late disaster at of Good Hope, Met. Register kept at of Good Hope, plants at. Carey, M., offers to publish the Cat. of the Society's Library. paper by. Cary, H. C., borrows the Soc.'s Sextant. Carbon points for electrical rods, to receive a prize. Carlisle, N., letters from. Carpenters' Hall, room applied for in.	e	05 53 53 52 73 41 90 98 38 18 15 73 64 86 48 99 89
council. twice postponed, not to be further considered. not to be balloted for in absence of proposer. for orator, to be nominated and elected by ballot. Candles ordered. paid for. Cantharides, discovery of a. Canvas, improved, offered for a premium. Caoutchouc sheet, to make. Cape Cod Canal. Florida. Francois, the late disaster at of Good Hope, Met. Register kept at of Good Hope, plants at Carey, M., offers to publish the Cat. of the Society's Library. paper by. Cary, H. C., borrows the Soc.'s Sextant. Carbon points for electrical rods, to receive a prize. Carlisle, N., letters from Carpenters' Hall, room applied for in. meetings to be held in	e	05 53 53 53 52 73 41 90 98 38 05 73 64 86 48 09 89 07 08
council. twice postponed, not to be further considered. not to be balloted for in absence of proposer. for orator, to be nominated and elected by ballot. Candles ordered. paid for. Cantharides, discovery of a Canvas, improved, offered for a premium. Caoutchoue sheet, to make. Cape Cod Canal. Florida. Francois, the late disaster at of Good Hope, Met. Register kept at of Good Hope, plants at Carey, M., offers to publish the Cat. of the Society's Library. paper by. Cary, H. C., borrows the Soc.'s Sextant. Carbon points for electrical rods, to receive a prize. Carlisle, N., letters from Carpenters' Hall, room applied for in. meetings to be held in. Carpet to be bought.	e	05 53 53 53 52 73 41 90 98 38 05 15 73 05 86 48 09 09 09 09 09 09 09 09 09 09 09 09 09
council. twice postponed, not to be further considered. not to be balloted for in absence of proposer. for orator, to be nominated and elected by ballot. Candles ordered. paid for. Cantharides, discovery of a. Canvas, improved, offered for a premium. Caoutchouc sheet, to make. Cape Cod Canal. Florida. Francois, the late disaster at of Good Hope, Met. Register kept at of Good Hope, plants at Carey, M., offers to publish the Cat. of the Society's Library. paper by. Cary, H. C., borrows the Soc.'s Sextant. Carbon points for electrical rods, to receive a prize. Carlisle, N., letters from Carpenters' Hall, room applied for in. meetings to be held in	e	05 53 53 53 52 73 41 90 98 38 05 73 64 86 48 09 89 07 08

2.140.11
Carton ordered
Cartridges, lead
Case of abscess of lungs relieved by Bristol Waters 65
Cases to be made for the Mexican Antiquities 600
Cass, Gen. Lewis, letter from
Cassitane, Comte, letter from
Cases ready for the minerals
Cast of Lavoisier
Casts of Franklin's bust presented to Academy Arts and Sciences of Boston 333
Catalas
Catalogue of Library, to be revised and printed
made by Mr. Peale
500 copies to be printed
cost of printing same
state of, to be inquired into
reported lost
to be completed
progress reported
explained by Dr. Collin
of Society's books finished by Col. Jona. Williams 444
of American animals
of foreign plants
of Capt. M. Lewis' donations
of minerals to be made by Seybert
of the Library to be considered
to be reported on
Carey offers to publish
of books, &c., to be made
proposition to print, not carried
plan for to be reported
reported
ordered made
report on
additional copies to be printed
progresses
reported completed (1824)
new edition to be prepared
sent Cuvier
given to the Hospital and Almshouse
Society books, a supplement made of
to be made of Cabinet
of members to be prepared
of Mexican antiquities to be made
Catharine Hill, measurement of
Cathrall, Dr., paper by
to be published
Cause of fevers, by Dr. Conover
Causes of diversity of figure, &c., in the human species
Cave bones from Kentucky
"C. C. Br." withdraws paper
Cellar windows ordered to have a grating
to be shored up during the winter
to be let
for twenty years
rented to Vaughan,
Census, memorial relative to the 900, 902

	AGE.
Centre Square to be used as an observatory by the Society464, 46	
Cepodo de Chumbo	489
Ceracchi presents bust of Rittenhouse	228
Cercle des Philadelphes	146
Certificate of election	31
to be drafted	88
form agreed on	89
engraved	
of membership	92
to be drafted	1, 123
draft of	
to be printed	
to be engraved	
to be delivered to Gerard	102
Cervus virginianus	505
Cestus from Peru deposited	603
Chair to be taken by the eldest councillor	111
of Dr. Franklin presented	202
Chalybeate waters of Bristol	17, 44
reported on	45
Chambers, Geo., paper by	475
Chambersburg, Pa., fossil shells found near	475
Chances, paper on	376
Change of Building Committee	145
of handwriting	142
desired in the charter	148
of plan for the building	143
of climate in North America	34, 587
Changes proposed in the Society's building	579
laid over	579
adopted	580
of the earth, Rittenhouse's letter on	136
Chanum, uses of	407
Chapman, Isaac A., invents a plan for propelling steamboats on rivers like	
the Susquehanna	423
Chapman, Josiah, claims premium for an improved canvas	490
receives Extra Magellanic Premium	494
Chapman, Dr. N., presents portrait of Alexander Wilson	512
to deliver eulogy on Vice-President Jona. Williams	455
to prepare obituary sketch of Dr. Hosack	679
to prepare obituary sketch of Dr. Hopkinson	683
paper by	470
Charleston harbor, map of, presented	669
Chart of the coast of Cuba	629
new nautical	399
receives Extra-Magellanic Premium	400
of stars by Samuel Dunn	81
of the new ceded countries	82
Charter, changes desired in the	148
of Pennsylvania presented to the Society	432
Cheapness of steam for raising water	83
Cherokee fashion of making pottery	455
newspaper subscribed to	580
Chesapeake and Delaware Canal, subscription opened for survey of	36
address to merchants agreed on	34
scheme to be considered by the Committee on American Improve-	34

PAGE
Chesapeake and Delaware Canal, map of
Committee report $\dots \dots \dots$
survey to be proceeded with
Committee to examine and report
survey
Expenses of
merchants pay £10 towards
Committee report and survey to be preserved
to meet
accounts of
Expenses to be paid by the Treasurer
report of
papers called for
* * *
scheme revived
Chester county, Pa., disthene found in
Chestnut tree, the propagation of
Chevenage, weather at
Chickens, essay on insects noxious to
Chief Justice's opinion desired
Child, remarkable, born at Woburn
born in the Hall of the Society
Chimneys, improvement of
uninflammable
smoky, letter on
new flue for
defective, Franklin's paper on
Chinese Almanac presented
compass presented
vetches
Chipchase, Jno., paper by
Chronometer, new style described
Chumbo
Church school-house offered the Society
Church at Fourth and Cherry loaned for the Franklin eulogy 191, 197
loaned for Wistar eulogy
Churchman, John, papers by
theory whimsical
sends revised paper
memorial from
projects voyage to Baffin's bay
letter from
Cincindella
Cimex, paper on
Cincinnati, natural and statistical view of
Cirbet's bill paid
Circle, quadrature of the
and sphere
Circular cylinder pump invented by Josh. Humphreys
Circular scheme for noting variations of the barometer
City Rents the Society's Hall
City Tavern
City of Germany, Pennsylvania, plan of the
Clark, E., desires to use the Library
permission granted
Clarkson's account for survey
Olding Double Diction Diction 1 Diction 1 Diction 1 Diction 1 Diction 2 Dict

Classification of members	440 452	453	454	646	650	
of general Committees						28
of Committees on the Transit of Venus						
Clay, paper by						304
demonstrates a geometrical theorem						359
Clays advertised for						
Claying of sugars, memoir on, by Jona. Williams						206
Claypoole to be paid						283
Clibborn, E., paper by						598
Clifford, J. D., letter of						430
Clifford's estate, account due from						220
to be paid						230
Climate, change of in North America						587
at Council Bluffs						497
of the Delaware, early						460
of Massachusetts						358
of New Orleans						471
of Pennsylvania					. 212,	684
Clinton, De Witt, resolutions on the death of						578
obituary of						617
Clock over the east door to be put in order						540
new, made by Parker						370
paid for						50
ready						44
ordered from Duffield						43
to be repaired						323
made by Rittenhouse, presented to the Society.						421
placed in room						422
in front of the Society's Hall to be kept in or	der grat	is b	у Л	(r. 1	R.	
Parker						459
Cloth, to be made from seal fur						373
Cloud, Jos., paper by					418,	446
Coal, Lehigh, presented	.				•	375
in Cuba						690
Coals, origin of						652
Coast Survey of the United States					-	493
Coates, Dr., on Lithotrity					•	606
Coburn's bill for candles to be paid					•	73
Cock with two pipes					•	339
Cocoons, premiums for						49
Cœlogenus					•	543
Conecuh, observations on						283
Coins, presented by Jefferson				374,	376,	387
catalogued and labeled					376,	380
presented	. 311, 623	, 655	657,	659,	,661,	670
deposited by D. Parrish					•	464
found near Reading					•	344
to be arranged			• •	• •		705
exhibited				• •	-	701
stolen from the Royal Library in Paris		• • •			-	623
Cointeraux, letter from			• •	• •	-	408
Cold. to prevent the effects of					•	71
effect of, on trees					•	109
extraordinary at Northampton						364
at Hallowell, Me					394,	396
Coles. Mr. letter from					•	914
Collector to be employed				. 77,	167,	028

	PAGE.
Collector, compensation of	
Colhoun, Dr., paper by	
Collapse of a reservoir	
Collection of coins and medals deposited by David Parrish	
of Du Simitiére to be examined	127
of shells presented	221
Collections of moneys for Delaware and Chesapeake survey	
College of Philadelphia, application for use of apparatus	
Society meets at the	, 32, 33
annual election at the	
College of Physicians asked to occupy S. E. up-stairs room	194
to have the S. front chamber	197
leases front room	204
lease renewed to	04, 305
rent of room occupied by the	
allowed to sublet room to the Agricultural Society	
desires reduction of rent	
Collin, Rev. Dr. N., offers to attend the Library certain days	
comparison of words to be printed	
plan for a botanical garden	219
to examine into lead-glazing	223
reports on same	225
paper by	
receives Magellanic Premium.	227
explains the catalogue	288
thanked	
to complete catalogue	319
to replace fost vois. of Transactions	386
to analyze Soude de Mer	379
to translate Swedish papers	
medal to	
proposes that the periodicals be translated for the Society 4	
reads observations on the seasons in the Swedish settlements on the	
Delaware	420
extracts from early Swedish records	426
communication from	
on the theory of probabilities	497
death of	619
Lorich appointed to prepare an obituary notice of	619
Collins' bill to be paid	142
Collins, Z., remarks by	550
death of	617
obituary of	623
herbarium of, presented	649
Collis, Christopher, steam engine erected by	82, 83
Color of the blood	387
Colors, influence of, on radiation	676
Colors of the metallic oxides	387
Colored prints exhibited	74
Columbian alphabet presented	280
Columbian magazine	149
Columbus, Ferd., tomb of	84, 385
Combes' account to be examined	113
Comets, theory of the motion of	43
Oliver's letter relative to his essay on	74
observations by Rittenhouse, on lately discovered	24 212
and fire, paper on	60

			P.	AGE.
Commission, 5 per cent to be paid to collector				164
to Treasurer				181
COMMITTEES.				
Committees not to take up new business				29
to draft laws				23
to be classed				28
what they shall be			•	28
reports to be read paragraph by paragraph				32
continued				103
to be sammoned				54
to be nominated by the President				297
how to be chosen				355
not to be less than three members				355
first named to be Chairman				355
when to report				355
to report in writing				355
duties of				355
book of, to be kept				355
reprimanded for dilatoriness				416
to report on communications for the Transactions				2, 355
Committee on accounts (vide also Auditing Committee)				
on astronomy				
reports of				257
on ancient North Carolina wall reports				276
on antiquities				279
to arrange, &c., the apparatus				287
of arrangements on the Franklin eulogy				191
on building				1, 536
to build at once				132
discharged and a new one chosen				145
increased			. 15	4, 171
report of				143
on catalogue	. 2	52	, 25	5, 256
ordered to get it ready				242
Peale added to				242
to take charge of the Library				256
to dispose of orations				257
to catalogue books, &c				278
to report				287
on Chesapeake and Delaware canal survey			34,	39, 41
reports				46, 51
thanked				51
on chestnut timber fail to report				33
on Christopher Collis' steam engine			•	82, 83
on Churchman's paper				103
to confer with paper makers report			•	97
to confer with Mrs. Rittenhouse about the observatory	.•	•	. 24	
asks time				248
to consider the offering a premium for education				279
to consider the variation of the compass				81
to consider prize essays				
to draft a law relative to obituary notices				109
to erect observatory				
to repair same	• •			102
to examine and report on Donaldson's dredging machine	. 7	8,	79,	80, 97

	FAGE.
Committee to examine into Susquehanna and Schuylkill canal	
to increase the stock of this Society	
to experiment on Soy and Sago	. 33
on finance created	. 549
on fire-place essays	. 277
to furnish school-house	. 52
on geography, mathematics, natural philosophy and astronomy	
on Hall to ask for a room in Carpenters' Hall	. 107
continued	. 53
to finish Society's Hall	. 225
Hall, permanent organized	. 501
a new Committee organized, known as the Historical Committee.	. 453
Historical vide Historical Committee	e
to inquire into the silk factory	108, 111
on silk culture report	. 48
on institution and design of the Society	. 41, 42
on lease to the Philadelphia Library	. 49, 168
on Lease to Loganian Library	. 107
on Library	203. 311
thanked	. 531
to look after the interests of the Society in case the State House Yar	d 552
should be sold (1812)	. 433
on Magellanic Premium * * to amend the rules	. 244
consider Magellan's proposal	125 150
report of	921 959
on mathematics	. 81
on mechanics and architecture	0 30 6U
to examine a model of a wind-mill	. 39
on medicine and anatomy	• 00 8 49 74
Michaux reports the plan a failure.	o, 42, 74 . 244
on minerals	. 333
on natural history and chemistry 29, 31, 33, 36, 37, 54, 71, 80, 81	07 190
to prepare directions for curing the Red-root tea-plant	, 91, 132 . 35
on history and astronomy 14, 29, 31, 32, 40, 42, 47, 49, 50, 59, 52, 53, 54, 5	. 50
report on the Hessian fly	5, 78, 97
to observe transit of Mercury4	. 15
on peach tree essays	4, 40, 47
to place lightning rods on the Hall	274, 277
on the prairie squirrel	. 194
to prepare devices for the Magellanic medals	. 273
on preparing Transactions for the press	. 212
to prepare list of books wanted	. 43
to preserve fossil bones	. 550
on physical sciences	. 267
on physical sciences	. 678
to procure a building for the Society	. 121
to procure a lot for the Society	118, 119
to produce material for the foundation of the Hall	. 130
to promote the objects of the Society	. 218
on publication	347, 553
to obtain another minter	129, 566
to obtain another printer	. 129
to apply to Robert Aitken	. 132
differs on Biddle's observations.	. 55
to Rent to the University Society's rooms	. 170
to revise Constitution and By-Laws	164, 257
increased	. 264
reports	264, 287

FAGE.
Committee on seal
produces two sketches
enlarged
to act at once
on ship pumps
signatures of the members of the original six 90
to solicit subscriptions for building
on subscriptions to carry on the building
on trade and commerce
on transit of Venus
of ways and means
on history and general literature permit MSS. to be used by the His-
torical Society
on physical sciences
on papers when to report
discharged
standing to be chosen by the Society after nomination by the Chair-
man
vide also under special subjects.
Communication by Dr. Bond
by Dr. Smith
on towing with a long painter
to be acknowledged 118
requested for the Transactions
to be advertised
Communications for Magellanic Premiums vide Magellanic Premium
Compass, Chinese
solar
improvement on by B. Romans
variation of
Competitive premium
Completion of the observatory
Composts
Compressibility of water
Conditions of the Magellanic Fund
altered
of Magellanic Premium to be annually published 198
of the subscriptions for carrying on the building of the Society's Hall 151
Condor of the Andes 591
Condorcet's bust presented 600
Conic sections, new method of investigating
Conewago trap-rock,
Conference with Library Committee as to building on State House Square 124
with Library Company negatived
with owners of Fifth street lot
Conglomeration of shells from the Santee presented
Congratulatory address presented to Dr. Priestley
Conjectures by Dr. Barton
Connecticut, types made in
controversy, MS. relative to the, presented 518
Conover, Dr., paper by
Conrad, John, to print Transactions
Conrad, S. W., death of
Dr. Horner appointed to prepare obituary notice of 619
reads same
Conscience, liberty of
Consideration of Silk Society's situation

	PAC	
Constitution of air	•	42
Constitution, first, of the American Philosophical Society		2
revision of the		
ordered printed		444
bill for same	•	445
MS. book for members' signatures	• '	706
Contribution of merchants towards Chesapeake and Delaware canal surve	y	45
Conversion of alternate into rotary motion	•	455
Conyngham, R., letter from	455,	
presents Indian vase		455
presents MSS		518
Cooke, J., letter from		195
Coombe, meteorological observations by		61
gives bond as Treasurer		64
requested to be present		108
defaults to the Society	118,	119
sued by the Society		130
Cooper's, Jos., letter on peach tree worms to be published		65
Cooper, Prof., describes a new process of bleaching		472
paper by	463.	
Cooper, Dr. T., paper by	,	483
borrows L'Industrie Française		487
Cooper, Judge, thermometrical observations by	•	481
Copernicus, authentic picture of, presented	•	231
Copper found in mound near Cincinnati	•	383
for engraving for the Society to be paid for	•	54
Connerger Tog gives on account of sunday inventions	•	
Coppenger, Jos., gives an account of sundry inventions	•	420
Corbet's bill for wood ordered paid	•	71
Corona color of July 20 1014		
Corona, solar, of July 30, 1814		447
Correa, paper by	•	453
vide also De Serra.		
Correct time supplied to the public	•	459
Corresponding Secretary's report what they have written	•	163
Correspondence with the Cercle des Philadelphes	•	146
Corse, paper by, on English accent		107
Cortex ruber, paper on		123
Cost of printing catalogue (1796)		24 2
of observatory limited		36
of prize medals to be paid		221
of canal between Chester river and Duck creek		40
Cotton cultivation in Virginia		155
seed oil		17
Couldery invents a lamp		259
report on it		261
letter from		259
Coulter, Thos., receives a prize		303
Council Bluffs, climate at	•	497
Councils of Philadelphia grant the observatory in the Centre Square	•	476
thanked	•	477
willing to bear part expense of the Society's observatory	•	672
grant money for an observatory	•	679
Chamber, Society applies for the use of the	•	679 8
Council of the Society proposed by Mr. Biddle	•	88
to be formed	•	92
to be formed		
of the Society recommends subjects for premiums	•	446
Councillors duties of	•	355
PROC. AMER. PHILOS. SOC. I. XIVII. PRINTED NOVEMBER 4, 188	4.	

FAGE.
Councillors, quorum for business
when to meet
not to be re-elected if absentees
eldest to preside
elected
"County and Commonwealth"
County Commissioners deposit model
Courtenay, E. D., paper by
Coxe, Dr. J. R., to reply to De Hupsch
paper by
"C. P." on the air pump
Craig, P., machine for spinning flax
Cram makes a fan chair
Cramp
Cranium found in Kentucky
of bison
Cresswell, Chas., letter from
Crevecœur, St. John, sends book made of roots and barks
Crevelli, paper by
Crocker, Henry, on magnetism
Croker, Rev. T. H., experiments on the dipping needle 152
Croker, Mr., of Georgia, paper by
Crookshank's bill to be paid
Cross hairs in a telescope
Crosswicks, N. J., minerals from
Cryptogamia, paper on
Crystals, models of, purchased
presented
Cuba, chart of
Cube root, to extract
Cubic pyrites from Lancaster
Cucumber tree
Cultivation and climate
Cultivation of sorghum in the United States recommended 477
Culture of the currant shrub
of hemp
O' memp
of silk
Cunyngham's paper, report on asked for
Cunjuguam s paper, repert on assessment to the territorial to the contract of
Culture records different to the second
Curators elected
duties of
bo obtain a boomen of the first transfer of transfer o
to rectain section spring to the section of
toport on andreade of carrier to the transfer of the transfer
Wat of the control of
to make a rist or retrieve a second
10 101110 10 10 10 10 10 10 10 10 10 10
requestion to report the transfer of the trans
to arrange and catalogue Library
to serve as Librarians in rotation
et. al. to revise and print catalogue of books, &c
Curbstone, bill for
Cure of rattlesnake bite
of tetanus by opium
of vellow fever

PAGE.

	31
presented	
	16
	95
	43
	82
paper by	60
	66
	58
	14
Cuthbert, Ross, paper by	97
returned to author	03
Cutler, letter of, on ancient forts	09
Cuvier receives catalogue	34
monument to	29
bust of presented	47
Cyclovolute	57
	57
Cyperus	86
Cypress tree near Oaxaca described	71
D.	
	10
	69
	78
	27
	25
Damp ground dangerous to sleep on	
	13
	14
Dangerous effects of lying on damp ground	98 75
	15 95
	39
	99 73
	38
	30
	41
	09
Dashkaw, Princess, letter of	
	94
	54
	72
	60
	04
	74
Dawkins to be paid	64
Dawson, Jno., paper by	91
	41
	20
De Abeville, letter from	14
D'Armours, letter of, on animal magnetism	28
Dearborne, Ben., invents a ballot box)4
presents same	19
	38
Death of members	
from the sting of a bee	¥7

PAGE	٠
Deaths in Philadelphia to be published in the Transactions	
De Beauvois, letter from	_
Debate on proposed revision of By-Laws 633, 634, 635, 636, 637, 638	
De Bretton, F., paper by	
Debts, list of, called for	
reported on	
to be paid	
De Buch, L., letter from	
De Butts' thermometer	
De Candolle's Essai sur plantes	
Declaration of Independence written at Seventh and Market streets 54	
De Condorcet, queries from	
to be answered	<i>5</i>
thanked	
Deed of Hopkinson's lot	
paid for	-
from Mrs. Rittenhouse	
Defective chimneys, Franklin's paper on	
De Ferrer presents Mexican minerals	
subscribes for the Society to the Journal de Physique	-
observations by	
paper by	
Deflagrator invented by Hare	
De Foronda, paper by	
De Garda, letter from	
De Gournoff, letter from	
De Granchain's letter on eclipse of the sun	
De Ham, C., paper by	
De Haven's account to be paid	
De Hüpsch, Baron, offers exchanges	
letter to be answered	•
letter from	
De Jaudenes thanked	
De Kay, Dr., permitted to make casts of the Megalonix bones	
	-
Delambre, letter from	
De Lancey, W. H., to prepare a sketch of Bishop White	
Delaware, early climate of the	
Indian grammar	
Delaware and Chesapeake canal, moneys to be collected for	
•	
, , , , , , , , , , , , , , , , , , , ,	
* /* * * * * * * * * * * * * * * * * *	-
De Lesseps, M., paper by	
up of Syng's bond	-
Del Rio given minerals for analysis	
paper by	
Del Rio's process for the reduction of silver	
Delta of the Mississippi	
Deluge, a paper on the	
Demaree, paper by	
letter from	
De Mederer, letter on hydrophobia	

PAGE
Denmark, instruction in
Denon's Egypt purchased
De Normandie, letter of, describing a preternatural birth
Deposit by J. Bitdle
by Jno. P. Brown
by Mr. Darby
by Hodgson
by Dr. Mease
by Ord
by E. Pelham
by Joseph Reed
by W. Short
by Strickland
by Col. Williams
of engravings
of a model of a torpedo boat
Deposits for the Library by J. Vaughan
Deprivation of membership
Description of the coast of West Florida by Geo. Gauld 80
De Serra, Correa, leaves the United States
death of
portrait of
De Serra, E. Correa, letter from
vide also Correa.
Desiderata in natural history
Design for a new fireplace
for seal ordered
Destruction of Carolina pine trees by an insect
of smut in wheat
of wheat insects
of wild garlie
Detention (vexatious) of books at the New York Custom House 573
Determination of exact distance
Devices to be prepared for the gold medals
Devize, Dr., observations on the late epidemic
papers by
De Witt, B., memoir on the Onandaga Salt Springs
thanked
De Wit, Simeon, paper by
death of
necrological sketch of
Dexter, A. A., paper by
Dexter, S. N., presents amber
Diagram of the Society's building
Dial, improved
Dickenson's telescope repaired
Dilatory Committees reprimanded
Dilley to sell Transactions in London
agreement with rescinded
letter from
Dinner to Dr. Priestley
Diplomas received
Diploma R. S. Valencia to be framed
Dipping needle, experiments on the, by Rev. T. H. Croker
Dipus, American
Directors Philadelphia Library Company will rent room to the Society 50
Discovery by Jno. Dolland

	PAG	Æ.
Discovery by Mesmer		127
of the solar system		583
in sex of plants		203
in the South Pacific		336
Discoveries in the Northwest country by P. Pond		183
Discontinuance of the meetings in 1774	•	87
Diseases of the North American Indians		87
of Santo Domingo		209
Disinfecting apparatus and disinfectants vide Guyton Morveau	1.	
Disorder caused by drinking cold water	•	85
Disposition of money, how to be made	•	28
Disthene from Chester county, Pa		457
Distinguished strangers present at meeting	•	111
Distribution of silk worm eggs	•	49
of vetches	•	33
Dobson presents Encyclopedia		
thanked		
proposes to print Transactions	237,	303
to be paid	288,	305
Dock, patent trunk		557
Doctrine of tides, letter on		66
Documents relative to the Connecticut controversy presented	•	518
valuable historical, at Harrisburg		458
Dodecahedron, stone, from Ohio, presented	207,	697
Dollar of 1836 presented	•	612
Dolium, new species of	•	226
Dombey, Citoyen	•	593
Domestic economy	118	
Donations 15, 16, 17, 18, 19, 24, 29, 55, 58, 59, 64, 68, 71, 72, 74, 79, 80, 81, 97, 98, 123, 124, 127, 129, 132, 133, 135, 136, 143, 147, 148, 150, 151, 152, 155, 156, 159, 161, 1	62 1	163
123, 124, 127, 129, 132, 133, 130, 130, 140, 147, 143, 130, 131, 132, 133, 130, 130, 131, 131, 131, 132, 133, 134, 135, 138, 133, 134, 135, 138, 133, 134, 135, 138, 133, 134, 135, 138, 138, 138, 138, 138, 138, 138, 138	96	197.
198, 201, 202, 203, 204, 205, 206, 207, 209, 212, 214, 215, 216, 218, 219, 220, 221, 223, 2	225	226
227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 239, 240, 241, 243, 249, 251, 253, 254, 255, 256, 257, 258, 259, 250, 257, 258, 259, 250, 257, 258, 259, 250, 257, 258, 259, 250, 257, 258, 259, 259, 259, 259, 259, 259, 259, 259	254.	255.
257, 258, 259, 260, 261, 262, 263, 264, 266, 267, 269, 270, 271, 272, 273, 274, 278, 280, 2	281.	282.
283, 284, 286, 287, 295, 296, 297, 298, 299, 300, 301, 302, 304, 305, 307, 310, 311, 312, 3	313.	314.
316, 317, 318, 319, 320, 322, 323, 324, 325, 326, 327, 328, 329, 331, 332, 333, 334, 335, 3	336.	337.
338, 339, 340, 341, 342, 343, 344, 346, 347, 348, 349, 350, 351, 357, 358, 359, 360, 361, 5	363,	364,
365, 367, 368, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 382, 383, 384, 385, 8	386.	387.
388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405,	106.	407,
408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425,	126,	427,
428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445,	446,	447,
448, 449, 450, 452, 453, 454, 455, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467,	468,	469,
470, 471, 472, 473, 474, 475, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489,	490,	491,
492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509,	510,	511,
512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529,	530,	532,
533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550,	551,	552,
553, 554, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571,	572,	573,
574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591,	592,	593,
594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 608, 613, 614, 615, 616,	617,	618,
619, 620, 621, 622, 623, 624, 625, 626, 627, 629, 630, 631, 632, 633, 634, 635, 636, 637,	638,	639,
640, 641, 642, 643, 644, 645, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658,	659,	660,
661 663 664 665 666 668 669 670 672 673 674 675 676 677 678 679 680 681	682,	683,
684, 685, 686, 687, 688, 689, 691, 692, 693, 694, 695, 697, 698, 699, 701, 702, 703, 704,	705,	706,
707, 708	, 709	, 710
Donations to be read to the Society		353
Donation book, new, ordered		45 0

PAGE
Donations from Adelung
and letter from John Arbo
from Batavian Society
from Dobson
from J. R. Foster
from Grassi
from Israel Jacobs
from Magellan
from Muhlenberg
Baron Shuckman
from Taylor, Sicard & Co
from Taylor White
from Vaughan
of colored prints
of snow shoes
solicited for building
of American medals
of a new ballot box
Donaldson's dredging machines
referred to a Committee
Doorkeeper appointed
Dorsey, Dr., extirpates a large wen
Draft of address to Assembly
of certificate of membership
of laws read
of letter of thanks
of the Mississippi
Draining machines for marshes
Drake, Dr. Dan., paper by
Drawgate, new
Drawing of a chevaux de frieze
fan chair
ice boat
John Fitch's steamboat
wheel boat
Dreams, sleep and, enquiry into by Dr. Rush 80
Drayton, Governor, letter from
Dredging machine for docks
Dry rot of timber
Ducalde, letter from
Dues, annual, fixed
to be increased
to be collected
raised to \$5
Duffield agrees to make a clock
clock ready
paid for
Du Jarreau invents a new saw mill. •
Dunbar, J. W. R., paper by
Dunbar, R., paper by
Dunbar, Wm., paper by
memoir on the Mississippi
observations by
letter from
Duncan, Dr., presents medical commentaries

PAGE.
Dunlap proposes to print Transactions
offers for sale lot on Fifth street
and Claypoole's bill for advertising
Dunn, Samuel, chart of the stars
Duodenum, calculous concretion found in a horse's
Duplicate minerals to be exchanged
Du Ponceau, Chevalier, letter from
death of
Du Ponceau, P. S., letter from
thanked
reports on Rittenhouse deed
to examine Batavian Philosophical Society Transactions 364
Schæffer's book
presents a translation of Zeisberger's grammar
prepares same for publication
presents a memoir on English phonology
chosen annual orator
delivers the annual oration
Proposition 2200020 (Column 1 V V V V V V V V V V V V V V V V V V
on the languages of the literature and the second
to deliver oration on Tilghman
to write to the Secretary of the Treasury about the New York Custom
House
elected President
accepts the office
to prepare introduction for Transactions
prepares obituary of Thorombert
to write to Jas. Brown
portrait of, presented
to prepare sketch of Du Pont
excused from biographical sketch of La Fayette
to prepare sketch of Chevalier DuPonceau
to prepare sketch of Chas. Smith
to prepare obituary of Wm. Rawle
to prepare obituary of Tracy
on ideographic languages
to prepare notice of Marbois
Dupont de Nemours, paper by
letter from
presents a bust of Turgot
Du Pont, I., death of
Durald's paper to be published
Duties of President
Vice-Presidents
Secretaries
Treasurer
Curators
Councillors
of the Historical Committee
Duvigneau and Parent send a paper on prussic acid
Dyes, native red
from moss
American red-root
vegetable 229

E.	PAGE
Early climate of the Delaware	. 460
history of Pennsylvania	
meteorological observations in the Swedish settlements on the Del	
ware	
Earth, new method of calculating its size	
form of the	
Earthquake at Frankfort, Ky., Feb. 25, 1812	
East India script exhibited	. 133
Eatable canarie tree	. 324
Eating	. 560
Ebeling, letter from	. 271
donation from.	. 376
Ebony presented	. 228
Echinus, impressions of	. 204
Eclipse, lunar, of Sept., 1801	319
of the sun	
of the sun June, 1806	
oil painting of presented,	. 397
solar and lunar, 1809, observations of	. 425
Eclipses of Jupiter's moons	•
"Economy," receives a prize for essay on warming rooms	-
Economy, domestic	
	631
of the blind	
Effect of cold on trees, paper on	
of weather on the human constitution	. 560
Effects of opium and Papaver compared	
Effusions under the skull, Deveze's treatment of	. 239
Eggs of silk worms to be distributed	. 49
Egypt and Louisiana compared	. 378
Elasticity of steel springs lost by heat	. 204
Electrical eel, account of	. 76
machine described	328, 684
presented	
loaned	
returned	313, 328
Electricity, atmospheric, letter on	. 81
Electrometer of Wm. Henly	. 81
Elam, S., letter from	. 295
donates \$500.	
Election of Librarian when to take place	
notice agreed on	. 31
of members 14, 17, 19, 20, 35, 48, 61, 72, 75, 86, 95, 102, 110, 116, 121, 129, 120, 163, 163, 164, 175, 175, 175, 175, 175, 175, 175, 175	143, 147,
152, 168, 172, 174, 179, 188, 193, 195, 198, 201, 207, 212, 215, 220, 228, 236, 236, 236, 236, 236, 236, 236, 236	240, 243,
246, 256, 266, 270, 283, 294, 299, 308, 311, 320, 326, 332, 337, 343, 347, 351, 359, 3	70, 373,
377, 382, 385, 390, 393, 396, 400, 403, 407, 413, 415, 423, 426, 432, 436, 439, 442, 447, 448, 454, 457, 460, 466, 469, 470, 473, 474, 477, 481, 485, 487, 490, 492, 494, 4	
502, 503, 508, 511, 514, 517, 519, 520, 522, 525, 536, 539, 542, 544, 545, 550, 553, 5	
566, 568, 570, 576, 580, 582, 585, 589, 592, 594, 596, 599, 601, 603, 613, 616, 618, 6	,
625, 626, 630, 632, 638, 640, 660, 663, 674, 680, 685, 693, 702,	
law regulating the	29 25
certificate of, to be drafted	. 22, 20
postponed	513, 605
null, if more ballots than members present	. 604
rules for	. 604

. CAGE.
Election, a piece of paper in the ballot box does not count at the 605
to be held quarterly
of officers 10, 23, 47, 60, 61, 69, 74, 85, 94, 98, 100, 110, 114, 115, 121, 129, 136, 147,
158, 167, 178, 187, 201, 211, 217, 227, 235, 246, 265, 277, 290, 297, 367, 320, 330, 345, 369,
381, 392, 403, 412, 419, 425, 431, 438, 443, 451, 459, 468, 476, 484, 492, 498, 507, 516, 524,
535, 537, 548, 560, 561, 573, 588, 598, 612, 622 , 629 , 644 , 663, 679, 697
milet, table the date of the bill a section
law regulating
Electrical experiments
Electro-magnetic machine exhibited by Saxton
Elephant, skeleton of, presented by Royal Asiatic Society 380
freight prepaid on same
placed in the room with the mammoth
inscription to be placed on same
members to view same free of charge
measurement of an
Elevation of water above its level
"Elevator," a machine called an
to receive a prize
receives Magellanic Premium
Elkendorp on hernia
Ellicott, papers by . 220, 230, 235, 273, 283, 284, 301, 302, 312, 313, 320, 330, 338, 378, 388, 425
letter from
to assist in removing Rittenhouse's instruments from the observa-
tory to the Society's room, and to be paid for his services 425
sends Iceland crystal
thanked
Ellipses, new instrument to describe
Ellis and Coulter, paper by 312
Ellis, Jno., receives a premium
Elmes, Jno., papers on medical subjects
Elmslie, J., Jr., meteorological register
Trimsile's inelectioned car observations at the cape of Good Property
Emerson, Dr., paper by
on thee trans in the state and a state and
Emetic Scar.
Emmett, J. P., paper by
Empires dependent on science
Employment of a collector
Encouragement of manuring lands
Encyclopedia presented by Dobson
French, paid for
to be loaned
Meth, offered for sale
purchased
End of MSS. minutes
Endless paper
Engine, steam, new plan of, for propelling boats 423
England, trigonometrical survey of
English accent, paper on
orthography, &c
phonology
and Spanish analogies
Engraver to be employed
bill of

	PA	CLE:
Engraver to engrave certificate of membership		93
Engraving, letter of thanks for donations, cost of		579 395
of L. Euler presented	364	
returned at his request.		400
Enlargement of Committee on Seal		58
Enquiries by Collin		172
Enquiry (by Dr. Rush) into the causes of sleep and dreams		80
Ephoron leucon		279
"Epreuves de Canons"		320
Epsom salt found fossil		115
Equations, to find the roots of, by logarithms	. 412,	413
Equinoctial gales		588
Equinoxes, procession of the		362
Equisetum hyemale, paper on		276
to be published		2 78
Erasure in the minutes		179
Erection of building	-	122
Erie canal medal presented		567
Errors to be corrected in former publications		385
Error in date of meeting	, 408,	416
in the minutes		
in the nautical almanac	. 435,	490
Erskine, R., Chevaux de frize of	• ,	158
Eruption on the island of St. George	•	410
Erving, Geo., letter from	•	348
		500
Espy, J. P., paper by	٠	
requests the Society's telescope		591
requests the Society's telescope	, 684,	685
requests the Society's telescope	, 684, •	685 683
requests the Society's telescope	, 684,	685 683 701
requests the Society's telescope	, 684,	685 683 701 707
requests the Society's telescope	, 684,	685 683 701 707 194
requests the Society's telescope	, 684,	685 683 701 707 194 155
requests the Society's telescope	, 684,	685 683 701 707 194 155 157
requests the Society's telescope	, 684,	685 683 701 707 194 155 157 262
requests the Society's telescope. on tornadoes	, 684, . 157,	685 683 701 707 194 155 157 262 252
requests the Society's telescope on tornadoes	, 684, . 157,	685 683 701 707 194 155 157 262 252 251
requests the Society's telescope	, 684, . 157, . 248,	685 683 701 707 194 155 157 262 252 251 229
requests the Society's telescope	, 684, . 157, . 248,	685 683 701 707 194 155 157 262 252 251 229 73
requests the Society's telescope on tornadoes	, 684, . 157, . 248,	685 683 701 707 194 155 157 262 252 251 229 73 74
requests the Society's telescope on tornadoes	, 684, . 157, . 248,	685 683 701 707 194 155 157 262 252 251 229 73 74 72
requests the Society's telescope on tornadoes	, 684, . 157, . 248,	685 683 701 707 194 155 157 262 252 251 229 73 74 72 232
requests the Society's telescope on tornadoes	, 684, 	685 683 701 707 194 155 157 262 252 251 229 73 74 72 232
requests the Society's telescope on tornadoes	, 684, 	685 683 701 707 194 155 157 262 252 251 229 73 74 72 232 167 209
requests the Society's telescope on tornadoes	, 684, 	685 683 701 707 194 155 157 262 252 251 229 73 74 72 232 167 209 278
requests the Society's telescope. on tornadoes	, 684, 	685 683 701 707 194 155 157 262 252 251 229 73 74 72 232 167 209
requests the Society's telescope on tornadoes	, 684, 	685 683 701 707 194 155 157 262 252 251 229 73 74 72 232 167 209 278 274
requests the Society's telescope. on tornadoes	, 684, 	685 683 701 707 194 155 157 262 252 251 229 73 74 72 232 167 209 278 274 276
requests the Society's telescope on tornadoes	, 684, 	685 683 701 707 194 155 157 262 252 251 229 73 74 72 232 167 209 278 274 276 175
requests the Society's telescope on tornadoes	, 684, 	685 683 701 707 194 155 157 262 252 251 229 73 74 72 232 167 209 278 274 276 175
requests the Society's telescope on tornadoes	, 684, 	685 683 701 707 194 155 157 262 252 251 229 73 74 72 232 167 209 278 274 276 175 173 232
requests the Society's telescope on tornadoes	, 684, 	685 683 701 707 194 155 157 262 252 251 229 73 74 72 232 278 276 175 173 232 234
requests the Society's telescope on tornadoes of 74,675 receives the Extra Magellanic Premium. describes storm of December 20, 1836 states rains are produced by fire Essay on warming rooms on animal heat referred back not within scope of Magellanic Premium. No. 3 on education No. 2. on education for competitive premium. on ipecacuanha on comets, Oliver's letter in relation to his on ultimate ratios. on ships' pumps. on the spring block on gauging. by T. P. Smith. of J. R. Coxe to be returned on longitude. on the powers and mechanisms of nature on heat by Jno. Christopher Stroebel. on Phytolaria Decandria on combustion on insects noxious to young chickens on magnetic variation on universal language	, 684, 	685 683 701 707 194 155 157 262 252 251 229 73 74 72 232 167 209 278 274 276 175 173 232 234 109 155 161
requests the Society's telescope on tornadoes	. , 684, 	685 683 701 707 194 155 157 262 252 251 229 73 74 72 232 274 276 175 173 232 234 109 155

· ·	AGE.
Essay to be returned	265
on remittent and bilious fevers	
on the peach tree	6 269
all to be produced.	270
Estimate for Chesapeake and Delaware canal	40
for a filature	51
for canal between Chester river and Duck creek	40
Etat des finances de St. Dominique	164
	670
Ether, sulphuric	684
	684
Euler, engraving of, presented	395
Eulogium on Priestley	
to be pronounced on Franklin	9 192
delivered by Dr. Smith to be printed.	193
	437
on Priestley by Dr. Barton	
to be published	245
to be published	435
on J. B. Smith	455
on Dr. C. Wistar	
on Dr. Woodhouse to be delivered before the Medical Society.	420
European languages, comparison of, by Dr. Collin	271
Evaporation, experiments and observations on	81
Example E letter from	616
Everett, E., letter from	13
Ewing, Jno., letter of	
papers by	11 216
	177
Exact distance to determine	220
Excentric anomaly of planets	399
Excursion to the White Hills	57
Exhibition of two designs for seal	231
Expansion of wood by heat, paper on	50
—· *	45
of Mr. Rhoads	37, 56
of Owen Biddle	
of building the Hall	144
The period of the conducting now of motels	161
Experiments on heat-conducting power of metals	82
on evaporation	81
of Dr. Heberden.	66
on Phlogiston	124
on black lead for lightning rods by Rittenhouse	189
on evaporation	154
on the dipping needle	152
on temperature of air and water	595
electrical	598
Electrical	472
Expansion of iron and brass by heat	
Explosion, spontaneous, of artillery	07. 408
Explosion, spontaneous, of artiflery	180
Extinct voicano in North Caronna	494
Extra building lot	
when to be awarded	366
questions for	378
awarded to John Garnet for a paper on a new nautical chart3	
awarded to John Garnet for a paper on a new hadron officer	-,

Extra Magellanic Premium, model offered for	461,	415 460 463 494 512
report on		517 518
paper for	681,	
(query) can it be given for merit when not applied for	536,	534 538
awarded to C. C. Brodie	629,	$\frac{697}{205}$
Ewing, Jas., M.D., receives a premium for a new hydrant		518 518 509
F.		
Fabbroni's Bibl. Lett. presented		397
Fahlberg, S., thanked		298
Families in Lancaster who make homespun	•	56 144
Farmer, Rev. Mr., letter from	•	75
Farmer's Hotel	•	334
Fascinating power of the rattlesnake		220
Fauchet, letter from		225
donations		226
Fayette county, cascade in		141
Featherstonehaugh borrows geological specimens		614
Fee of members fixed	•	109
Ferguson, F. I., paper by	٠	688
Ferguson, Capt. Wm., presents petrifications	•	169
Ferrer, Astronomical Observations by	396,	
Ferussac's Bulletin subscribed for	• 599	377
letter from	000,	530
Ferry boat, a newly invented	•	151
Feushwanger, paper by		602
withdrawn by author		603
Fevers, remittent and bilious, essay on		266
Fifth street, house in, suitable for the Society		116
owners of to be conferred with	•	117
too dear	•	118
door steps on, too high	•	162
Fifty sets Transactions to be reserved	•	204 49
estimate to be made of expense of	50	49 51
Filsted, paper by		283
not to be published		284
presents Jamaica woods		121
owes ten shillings		71
thanked		60
Finance Committee	573,	
Finch, J., presents fossil shells from Virginia	•	563

		.0.13
Fine for non-attendance of members		11
for non-return of borrowed books to go to the Library		203
Fines remitted		347
Fire, to extinguish		229
comets, &c., paper on		60
escape, offered for Magellanic Premium	400	
feils to receive a promiser	. 400,	402
fails to receive a premium	•	
escape, model of a		198
places, essay on improvement of		
essay on, for Magellanic Premium		245
design for		77
proof building proposed for all the Societies in Philadelphia	. 641,	643
Firewood ordered		52
First Constitution of the American Philosophical Society		2
meeting in the new building		176
regular in new Hall		177
Fish, caught in the Delaware, presented	•	176
Fisher, J.F., examines the American medals	•	629
presents soins	•	659
presents coins	•	59
Fisher's map to be engraved	•	
Fishes, generation of	•	427
of the United States	. 467,	474
Fitch, Jno., steamboat model of, exhibited	. 133,	135
organizes a company for propulsion by steam,		625
Fixed air, machine for clearing wells of		146
Flagg's Observations on a torporific eel		116
Flax machine	2. 13.	235
Flaxman's bust of Franklin	. 543.	547
Fleckeisen's selenotopographical fragments	. 0.20,	188
Flint, Jas., paper by	•	483
Filing along from Longeston country	•	65
Flint glass from Lancaster county	•	196
Floor, bill for laying the		
Flora of Arkansas, by Thos. Nuttall		650
Flora Lancastrensis	•	132
Floral Calandarium	•	132
Florida, natural history of	•	20
rivers of		80
asphaltos from		81
two nondescript plants from		82
kalmia of		90
Greek colony in		549
a new ibis discovered in		623
		627
shells from		272
Fluids, inflammable to boil		19
Fly weevil, observations on		
Fœtus, imperfect, paper on	•	85
Fontana, Felix, letter of	•	86
Food of plants, essay on	•	239
Forche Caudine		64 0
Foreign journals, cost of	•	344
members, list of		271
Philosophical Societies, list of ordered		62
plants, catalogue of		58
Form of acknowledgment	. 315	
of the certificate of membership agreed on	. 520,	89
		486
of the earth	-	165
new theory of	•	T09

PAGE.
Form of subscription for the building
Formation of the Society
of Council 92
of hail, essay on the
Fortification, ancient, near Lexington, Ky
in the West
Fossil bones
epsom salt
shells
•
impression
animal discovered near Moorestown
plants in Alabama
Fossils from Chesapeake and Delaware canal
to be exchanged
Foster, J. R., letter from
Fothergill, Dr. A., paper by 188, 206, 364, 382, 383, 385, 388, 393, 398
thanked
withdraws paper
donation from
Foulke, Dr., delivers annual oration
letter from
Foundations of the Hall to be laid
Foundling asylums in Russia
Fractions, vanishing
Frame for Franklin's picture
Franck borrows Mexican antiquities 600
Franklin, Benj., letters from vide letters, and papers by, vide papers
communications from
recommends Baron Kliengstadt
transmits books
address to
to be framed
loans the Society \$500 to complete the building
offers to settle Glass's account
sick
death of
funeral of, attended by the Society
101
eulogy on
eulogy on
eulogy on
eulogy on
eulogy on. .181, 188, 189 guests invited to be present at .190 to be printed .193 legacy of .183
eulogy on. .181, 188, 189 guests invited to be present at .190 to be printed .193 legacy of .183 Peale's son named after .238
eulogy on. 181, 188, 189 guests invited to be present at 190 to be printed 193 legacy of 188 Peale's son named after 238 chair of, presented 292
eulogy on. 181, 188, 189 guests invited to be present at 190 to be printed 193 legacy of. 183 Peale's son named after 238 chair of, presented 292 bust of, presented 359
eulogy on. 181, 188, 189 guests invited to be present at 190 to be printed. 193 legacy of. 183 Peale's son named after. 238 chair of, presented. 292 bust of, presented. 359 of, (Houdon) presented 302
eulogy on. 181, 188, 189 guests invited to be present at 190 to be printed 193 legacy of 183 Peale's son named after 238 chair of, presented 292 bust of, presented 359 of, (Houdon) presented 302 of, (Sansom) presented 329, 331
eulogy on. 181, 188, 189 guests invited to be present at 190 to be printed 193 legacy of. 188 Peale's son named after 238 chair of, presented 292 bust of, presented 359 of, (Houdon) presented 302 of, (Sansom) presented 329, 331 iron medallion of 397
eulogy on. 181, 188, 189 guests invited to be present at 190 to be printed 193 legacy of. 183 Peale's son named after 238 chair of, presented 292 bust of, presented 359 of, (Houdon) presented 302 of, (Sansom) presented 329, 331 iron medallion of 397 cast of, presented to the Academy of Arts and Sciences, Boston 383
eulogy on. 181, 188, 189 guests invited to be present at 190 to be printed. 193 legacy of. 183 Peale's son named after. 238 chair of, presented. 292 bust of, presented. 359 of, (Houdon) presented 302 of, (Sansom) presented 329, 331 iron medallion of 397 cast of, presented to the Academy of Arts and Sciences, Boston. 333 Flaxman's bust of. 543, 547
eulogy on. 181, 188, 189 guests invited to be present at 190 to be printed 193 legacy of. 183 Peale's son named after 238 chair of, presented 292 bust of, presented 359 of, (Houdon) presented 302 of, (Sansom) presented 329, 331 iron medallion of 397 cast of, presented to the Academy of Arts and Sciences, Boston 338 Flaxman's bust of 543, 547 portrait of, painted by Martin 625
eulogy on. 181, 188, 189 guests invited to be present at 190 to be printed 193 legacy of 188 Peale's son named after 238 chair of, presented 292 bust of, presented 359 of, (Houdon) presented 302 of, (Sansom) presented 329, 381 iron medallion of 397 cast of, presented to the Academy of Arts and Sciences, Boston 338 Flaxman's bust of 543, 547 portrait of, painted by Martin 625 copied by Sully 625
eulogy on. 181, 188, 189 guests invited to be present at 190 to be printed 193 legacy of 183 Peale's son named after 288 chair of, presented 292 bust of, presented 359 of, (Houdon) presented 329, 331 iron medallion of 387 cast of, presented to the Academy of Arts and Sciences, Boston 333 Flaxman's bust of 543, 547 portrait of, painted by Martin 625 copied by Sully 625 on the non-conducting power of ice 680
eulogy on. 181, 188, 189 guests invited to be present at 190 to be printed 193 legacy of 188 Peale's son named after 238 chair of, presented 292 bust of, presented 359 of, (Houdon) presented 302 of, (Sansom) presented 329, 381 iron medallion of 397 cast of, presented to the Academy of Arts and Sciences, Boston 338 Flaxman's bust of 543, 547 portrait of, painted by Martin 625 copied by Sully 625

PAGE.
Franklin's Library to be examined
purchases from •
theory of storms
of rain
picture is by Martin not Peale
MSS. presented by R. H. Lee
MS. account of interview with Lord Hillsborough
Franklin Institute receives a copy of Flaxman's bust
borrows Franklin's bust and medal to make their medal from 547
Frazer, Jno., paper by
Free books, memorial to Congress for
Freedom given the negro Sampson for his cure for rattlesnake bite 34
Freire thanked
French Kings, heads of the
standard weights and measures offered the Society
republic (1794) donation to the Society
weights and measures
dies
Fresh-water tortoise from India, a new 624
Frihauf, D., calculates solar eclipse of 1778
Fritz, Peter, bill for curbstone
Frog found alive in a stone
Front room leased to the College of Physicians
Fry & Co.'s printing types
Fuel for street and house-lamps
Fulham's essay on combustion
2 dilloll b occord our common district the control of the control
Fulton's torpedo boat
Funds, state of the Society's 05, 70, 71, 150, 551, 550, 421, 424, 445, 500, 513, 523, 550
to be invested
Magellanic, state of the vide also Magellanic fund . 445, 500
Magellanic, state of the
Magellanic, state of the
Magellanic, state of the
Magellanic, state of the vide also Magellanic fund 445, 500 Rittenhouse vide also Rittenhouse fund 445, 500 publication 615 Fundy, tides in the bay of 155 Funeral of Dr. Franklin 181
Magellanic, state of the vide also Magellanic fund 445, 500 Rittenhouse vide also Rittenhouse fund 445, 500 publication 615 Fundy, tides in the bay of 155 Funeral of Dr. Franklin 181 Francis Hopkinson 194
Magellanic, state of the .vide also Magellanic fund .445, 500 Rittenhouse .vide also Rittenhouse fund .445, 500 publication .615 Fundy, tides in the bay of .155 Funeral of Dr. Franklin .181 Francis Hopkinson .194 Dr. Jno. Jones .195
Magellanic, state of the vide also Magellanic fund .445, 500 Rittenhouse. vide also Rittenhouse fund .445, 500 publication 615 Fundy, tides in the bay of 155 Funeral of Dr. Franklin 181 Francis Hopkinson 194 Dr. Jno. Jones 195 Jno. Williams vide Williams
Magellanic, state of the vide also Magellanic fund. 445, 500 Rittenhouse. vide also Rittenhouse fund. 445, 500 publication 615 Fundy, tides in the bay of 155 Funeral of Dr. Franklin 181 Francis Hopkinson 194 Dr. Jno. Jones 195 Jno. Williams vide Williams A. J. Dallas vide Dallas
Magellanic, state of the vide also Magellanic fund 445, 500 Rittenhouse. vide also Rittenhouse fund 445, 500 publication 615 Fundy, tides in the bay of 155 Funeral of Dr. Franklin 181 Francis Hopkinson 194 Dr. Jno. Jones 195 Jno. Williams vide Williams A. J. Dallas vide Dallas Furniture ordered 52
Magellanic, state of the vide also Magellanic fund 445, 500 Rittenhouse vide also Rittenhouse fund 445, 500 publication 615 Fundy, tides in the bay of 155 Funeral of Dr. Franklin 181 Francis Hopkinson 194 Dr. Jno. Jones 195 Jno. Williams vide Williams A. J. Dallas vide Dallas Furniture ordered 52 Fusing temperature of metals 446
Magellanic, state of the vide also Magellanic fund 445, 500 Rittenhouse. vide also Rittenhouse fund 445, 500 publication 615 Fundy, tides in the bay of 155 Funeral of Dr. Franklin 181 Francis Hopkinson 194 Dr. Jno. Jones 195 Jno. Williams vide Williams A. J. Dallas vide Dallas Furniture ordered 52
Magellanic, state of the vide also Magellanic fund. 445, 500 Rittenhouse. vide also Rittenhouse fund. 445, 500 publication 615 Fundy, tides in the bay of 155 Funeral of Dr. Franklin 181 Francis Hopkinson 194 Dr. Jno. Jones 195 Jno. Williams vide Williams A. J. Dallas vide Dallas Furniture ordered 52 Fusing temperature of metals 446 Fusion of charcoal by Hare's Deflagrator 512
Magellanic, state of the vide also Magellanic fund. 445, 500 Rittenhouse. vide also Rittenhouse fund. 445, 500 publication 615 Fundy, tides in the bay of 155 Funeral of Dr. Franklin 181 Francis Hopkinson 194 Dr. Jno. Jones 195 Jno. Williams vide Williams A. J. Dallas vide Dallas Furniture ordered 52 Fusing temperature of metals 446 Fusion of charcoal by Hare's Deflagrator 512
Magellanic, state of the vide also Magellanic fund 445, 500 Rittenhouse. vide also Rittenhouse fund 445, 500 publication 615 Fundy, tides in the bay of 155 Funeral of Dr. Franklin 181 Francis Hopkinson 194 Dr. Jno. Jones 195 Jno. Williams vide Williams A. J. Dallas vide Dallas Furniture ordered 52 Fusing temperature of metals 446 Fusion of charcoal by Hare's Deflagrator 512 Galloway, Franklin's letter to 75
Magellanic, state of the vide also Magellanic fund 445, 500 Rittenhouse vide also Rittenhouse fund 445, 500 publication 615 Fundy, tides in the bay of 155 Funeral of Dr. Franklin 181 Francis Hopkinson 194 Dr. Jno. Jones 195 Jno. Williams vide Williams A. J. Dallas vide Dallas Furniture ordered 52 Fusing temperature of metals 446 Fusion of charcoal by Hare's Deflagrator 512 Galloway, Franklin's letter to 75 Galvanic experiments on a negro after hanging 638
Magellanic, state of the vide also Magellanic fund. 445, 500 Rittenhouse. vide also Rittenhouse fund. 445, 500 publication 615 Fundy, tides in the bay of 155 Funeral of Dr. Franklin 181 Francis Hopkinson 194 Dr. Jno. Jones 195 Jno. Williams vide Williams A. J. Dallas vide Dallas Furniture ordered 52 Fusing temperature of metals 446 Fusion of charcoal by Hare's Deflagrator 512 Galloway, Franklin's letter to 75 Galvanic experiments on a negro after hanging 688 blasting of rocks 618
Magellanic, state of the vide also Magellanic fund. 445, 500 Rittenhouse. vide also Rittenhouse fund. 445, 500 publication 615 Fundy, tides in the bay of 155 Funeral of Dr. Franklin 181 Francis Hopkinson 194 Dr. Jno. Jones 195 Jno. Williams vide Williams A. J. Dallas vide Dallas Furniture ordered 52 Fusing temperature of metals 446 Fusion of charcoal by Hare's Deflagrator 512 Galloway, Franklin's letter to 75 Galvanic experiments on a negro after hanging 638 blasting of rocks 618 Ganesa, image of, presented 428
Magellanic, state of the vide also Magellanic fund. 445, 500 Rittenhouse. vide also Rittenhouse fund. 445, 500 publication 615 Fundy, tides in the bay of 155 Funeral of Dr. Franklin 181 Francis Hopkinson 194 Dr. Jno. Jones 195 Jno. Williams vide Williams A. J. Dallas vide Dallas Furniture ordered 52 Fusing temperature of metals 446 Fusion of charcoal by Hare's Deflagrator 512 Galloway, Franklin's letter to 75 Galvanic experiments on a negro after hanging 638 blasting of rocks 618 Ganesa, image of, presented 428 Garçao, death of 593
Magellanic, state of the vide also Magellanic fund 445, 500 Rittenhouse vide also Rittenhouse fund 445, 500 publication 615 Fundy, tides in the bay of 155 Funeral of Dr. Franklin 181 Francis Hopkinson 194 Dr. Jno. Jones 195 Jno. Williams vide Williams A. J. Dallas vide Dallas Furniture ordered 52 Fusing temperature of metals 446 Fusion of charcoal by Hare's Deflagrator 512 Galloway, Franklin's letter to 75 Galvanic experiments on a negro after hanging 638 blasting of rocks 618 Ganesa, image of, presented 428 Garçao, death of 593 Garden, botanical, to be planted 126
Magellanic, state of the vide also Magellanic fund. 445, 500 Rittenhouse. vide also Rittenhouse fund. 445, 500 publication 615 Fundy, tides in the bay of 155 Funeral of Dr. Franklin 181 Francis Hopkinson 194 Dr. Jno. Jones 195 Jno. Williams vide Williams A. J. Dallas vide Dallas Furniture ordered 52 Fusing temperature of metals 46 Fusion of charcoal by Hare's Deflagrator 512 Galloway, Franklin's letter to 75 Galvanic experiments on a negro after hanging 638 blasting of rocks 618 Garea, image of, presented 428 Garçao, death of. 598 Garden, botanical, to be planted 126 Garlic, wild, to destroy. 16, 22
Magellanic, state of the vide also Magellanic fund. 445, 500 Rittenhouse. vide also Rittenhouse fund. 445, 500 publication 615 Fundy, tides in the bay of 155 Funeral of Dr. Franklin 181 Francis Hopkinson 194 Dr. Jno. Jones 195 Jno. Williams vide Williams A. J. Dallas vide Dallas Furniture ordered 52 Fusing temperature of metals 446 Fusion of charcoal by Hare's Deflagrator 512 Galloway, Franklin's letter to 75 Galvanic experiments on a negro after hanging 638 blasting of rocks 618 Ganesa, image of, presented 428 Garden, botanical, to be planted 126 Garlic, wild, to destroy 16, 29 Garnet, H., letter from 311
Magellanic, state of the vide also Magellanic fund. 445, 500 Rittenhouse. vide also Rittenhouse fund. 445, 500 publication 615 Fundy, tides in the bay of 155 Funeral of Dr. Franklin 181 Francis Hopkinson 194 Dr. Jno. Jones 195 Jno. Williams vide Williams A. J. Dallas vide Dallas Furniture ordered 52 Fusing temperature of metals 446 Fusion of charcoal by Hare's Deflagrator 512 Galloway, Franklin's letter to 75 Galvanic experiments on a negro after hanging 638 blasting of rocks 618 Ganesa, image of, presented 428 Garçao, death of 593 Garden, botanical, to be planted 126 Garlic, wild, to destroy 16, 20 Garnet, H., letter from 311 paper by 320
Magellanic, state of the vide also Magellanic fund 445, 500 Rittenhouse. vide also Rittenhouse fund 445, 500 publication 615 Fundy, tides in the bay of 155 Funeral of Dr. Franklin 181 Francis Hopkinson 194 Dr. Jno. Jones 195 Jno. Williams vide Williams A. J. Dallas vide Dallas Furniture ordered 52 Fusing temperature of metals 446 Fusion of charcoal by Hare's Deflagrator 512 Galloway, Franklin's letter to 75 Galvanic experiments on a negro after hanging 638 blasting of rocks 618 Garesa, image of, presented 428 Gargao, death of 593 Garden, botanical, to be planted 126 Garlic, wild, to destroy 16, 29 Garnet, H., letter from 311 paper by 320 Garnet, John receives extra Magellanic Premium 400
Magellanic, state of the vide also Magellanic fund. 445, 500 Rittenhouse. vide also Rittenhouse fund. 445, 500 publication 615 Fundy, tides in the bay of 155 Funeral of Dr. Franklin 181 Francis Hopkinson 194 Dr. Jno. Jones 195 Jno. Williams vide Williams A. J. Dallas vide Dallas Furniture ordered 52 Fusing temperature of metals 446 Fusion of charcoal by Hare's Deflagrator 512 Galloway, Franklin's letter to 75 Galvanic experiments on a negro after hanging 638 blasting of rocks 618 Ganesa, image of, presented 428 Garden, botanical, to be planted 126 Garlic, wild, to destroy 16, 29 Garnet, H., letter from 311 paper by 320 Garnet, John receives extra Magellanic Premium 406 nautical chart to be published 402
Magellanic, state of the vide also Magellanic fund. 445, 500 Rittenhouse. vide also Rittenhouse fund. 445, 500 publication. 615 Fundy, tides in the bay of. 155 Funeral of Dr. Franklin 181 Francis Hopkinson. 194 Dr. Jno. Jones. 195 Jno. Williams. vide Williams A. J. Dallas. vide Dallas Furniture ordered 52 Fusing temperature of metals. 446 Fusion of charcoal by Hare's Deflagrator 512 Galloway, Franklin's letter to 75 Galvanic experiments on a negro after hanging 638 blasting of rocks 618 Ganesa, image of, presented 428 Gargao, death of 593 Garden, botanical, to be planted 126 Garlic, wild, to destroy 16, 29 Garnet, H., letter from 311 paper by 320 Garnet, John receives extra Magellanic Premium 400

	FAG	Eu •
Gashlier, Dr., sends three medical papers	. 1	l54
Gauges, Nairnes' rain		66
Gauging, essay on	-	209
receives a prize	-	210
Gauld, Geo., description of West Florida		80
presents two half Johannes		80
other donations by	٠,	80
Gazette de Guatemala bought.	. ?	394
Gee's plough, description of		17 0==
Geissenger presents coins		655 194
Gems, catalogue of engraved		194 174
General rule for meteorological observations to be fixed on		148
Generation of clouds		427
Genet, letter of		218
Geographical names		495
Geographical Society of Paris requests information about Texas	-	548
Geography of Portugal		568
Geological Society of France presents Transactions		676
thanked		676
Geological Society of Pennsylvania		655
Geological speculations on the Western United States		482
account of the Ohio valley		474
survey of Pennsylvania		693
Geology of the Natural Bridge		461
of Virginia.		672
of the United States by McClure	. 412,	413
Geometric exemplification of temperature		505
Gerard, Mons., to be notified of his election and to receive a certificate		102
German immigrants, list of		177
mint weights deposited by Vaughan		469
Gestation, uterine and marsupial		362
Geysers.		587
Giant's Causeway, fragment of, presented		601
Gibson, Judge, paper by	• •	497
letter from		698
Gift of the Transactions from the Royal Society		72
to Michaux		216
Giftsvide donations, grants, beque Gillespie's paper returned	sts	402
Gillingham, Jas., bill for bookcase	• •	83
Gilmer, Mr., of Virginia, paper by	• •	461
Gilpin ordered to provide a bookcase	• •	79
Gilpin, Jos. and T., exhibit their endless paper	• •	486
Gilpin, H. D., to prepare sketch of Jas. Brown	• •	670
to prepare sketch of E. Livingston		688
Gilt-letter printing		229
Ginseng, the properties of		568
Giraldes, letter from		572
paper by		568
requests information		586
Girard, S. to be called on		182
time given to		183
Girdle (Berber) deposited		602
Glass requests his money		159
Franklin offers to pay		159
Glazing with lead, paper by Dr. Collin on , , , , ,		225
PROC. AMER. PHILOS. SOC. I. XIVIII. PRINTED NOVEMBER 6, 18	384.	

	PAGI	جند
Glires, new genus of	. 54	
Globes presented	236, 28	39
loaned Patterson		
Goblet and inscription for S. Knox		
given to Mr. Baer for delivery	. 26	
Godman, Dr., examines the Mastodon bones	. 58	
goes to New Orleans to investigate the fossil bones	. 56	
thinks he has discovered a new fossil animal	. 56	
controverted by Dr. Harlan	568, 57	15
Godon lectures in the Society's Hall on Mineralogy	. 42	
paper by	, 402, 41	15
donation from	. 65	55
Goitre	336, 62	26
Gold from North Carolina	376, 69) 9
plate to be purchased for the Magellanic Premium		
Golden Cassia, paper on		31
Goldsborough, R., letter from		38
Gonzales, M., necrological notice of	651, 65	52
Goose's eye presented		16
Gordon, E., exhibits a model of a new plan for wooden bridges		31
Goring presents instruments	•	
thanked	-	
Governor of North Carolina introduced	-	
Governor of Pennsylvania requested to be Patron		
· · · · · · · · · · · · · · · · · · ·		7
accepts	•	:4
declines	•	9
grants use of Council Chamber	•	76
present at meeting		
petition to the	~	
waited on		
Graberg, letter from		
thanked		
Grant of £250 from the Assembly	•	78
of a lot		
Grape, American		6
black, wine from		17
at Indian river		1
Grassi, donation from		
Gray, Isaac, paper on a proliferous plant		
Greek colony in Florida		
Greenbrier county, Virginia, curiosities in		
Greene, Gen., MS., correspondence presented	. 49	
Greenway, Dr., letter from	180, 20)6
Gregorian calendar	. 44	17
Grew's tables of the sun and moon	. 34	
Grier, Arthur, letter on longitude		
Griffith, D., paper by	. 32	
Griffiths, Elijah, invents a new flue for chimneys	. 49	
Ground rent purchased with the Magellanic fund		
paid	. 18	
Grotto of Sweetara		6
Grouse of North America		<u> 1</u> 7
Groves, M. C., paper by		æ
	. 32	
	•	
Growth of trees, paper on	. 10)9 10
	. 10 . 44 . 389, 40)9 10)4

Guest, H., cures cancer	PA •	GE. 235
paper on peach trees		233
Guest, Jno., papers by		
Guests invited to the Franklin eulogy	•	190
Gummere, Prof., paper by	•_	668
Guyton Morveau's disinfecting apparatus to be given to the Board	of	
Health	•	397
Treatise on disinfectants	395,	397
Ħ.		
Haarlem Society to receive Transactions		322
Haddam chrysoberyls		526
Hadley's quadrant, improvement on	. 45,	128
	. 72,	
sector, paper on		220
Hadrosaurus, found at Woodbury		154
Hail, essay on the formation of		225
Haines, Mr., on stoves for burning Lehigh coal	•	497
meteorological observations by	•	513
Haines, Reuben, death of	•	620
obituary notice by D. B. Smith		
	390,	
Hall for the Society	. 39	
lot to be got for a	190	106
unused portions to be rented		158
to be finished	•	225
to be opened every Tuesday evening	•	348
of the Society to be altered		582
alterations in the	•	607
roof of, to be renewed		615
Committee, permanent organized		501
Hall, Rev. Jas., paper by	225,	3 2 6
Hall, Jno., paper on street lamps		241
death of		593
Halley's comet	•	675
Hamilton, T., thanked.		370
Hamilton's lot to be purchased	-	108
Hamilton, C. J. A., paper by		693
Hamilton, Capt. J., thermometrical observations by		
Hamilton, Wm., to receive seeds		324 270
Handwriting, change of		142
Hardesty, Uriah, finds bison cranium		325
Hare, Dr., borrows Annals de Chimie		348
microscope		
returns same		350
the Society's lens		59 6
fuses strontites and volatilizes platina		341
describes his deflagrator		49 6
test for arsenic		602
on tornadoes		
fuses platinum		707
blasts by galvanism		618
remarks by		657
on sulphuric ether	i70, (57 L

	PAC	Æ.
Hare, Dr., galvanic battery	662,	664
paper by	687,	704
Harlan, Dr., thanked for donation of Cuvier's bust, &c		643
to describe bones from Arkansas	627,	628
paper by	606,	626
controverts Dr. Godman's discovery of a new fossil animal	568,	575
describes rattlesnakes		571
Harpsichord, improvements in quilling		128
Harrington, W. H., paper by		640
Hart, Major Jno., letter on Indian inscriptions		208
Hartly proposes to prevent incrustations in steam boilers		620
Hassler, R., letter from		614
sells Transactions French Academy		387
Berlin Academy		391
offers the French weights and measures		393
papers by		688
paper by, not permitted to be withdrawn		517
Hawkins J. J.		300
paper by	302,	305
Haygarth's plan to exterminate the smallpox		376
Hays, Dr. Isaac, paper by		597
on mastodon bones		616
on a luminous spark		647
possesses the best collection of mastodon bones in existence		621
Hazard transfers books to Rittenhouse's care		124
removes to New York		130
Hazard, Sam, thermometrical observations by		481
desires to publish extracts from Society's MSS		591
request granted		593
return of same asked for		650
Heads from Big Bone Lick presented		, 4 ₀ 0
of French Kings		384
Health, how to preserve, paper by Dr. Bond		103
Heart, Mr., letter of		202
Hearts, two found in a partridge		114
Heat, electrical conductor		172
Stroebel on		173
destroys elasticity of steel		204
generated by compression	. 407	, 408
expands iron and brass		472
evolved from fuel		552
non-luminous		676
Heberden's experiments		66
Hebrew grammar to be bought		525
Heckewelder, Jno., paper by	, 473	, 510
paper on the beaver to be annotated by Dr. Barton		388
on names of rivers, &c		627
portrait presented		527
Hedysanum coronarium		25
Heeren, letter from		626
Help to be asked from the Assembly vide Assemb		
Hemp, communication on		24
culture of		43
Dandivan's method of carding		213
worst can be made better than best flax		214
from Urtica canadensis		433
Hemsö letter from		477

	PA	
Hemsö, paper by		550
Henly, W., electrometer		81
Henry, Prof. Jos., communicates discoveries in magneto-electricity		
Henry, Wm., on heat. &c.	•	172
Henry's chemistry bought by the Society		466
Hentz, N. M., on the mocking bird		495
on the alligator		495
on the anatomy of the mocking bird		515
paper by		478
Herbarium, of Mühlenberg		649
of Z. Collins		383
Hercules, pillars of		225
Heritier, donation from		255
Herman, B. F. J., letter and donation from		557
Hermaphrodite orang-outang		515
Herrings, annual passage of		
		151
Herschel, letter of		151
catalogue of nebulæ		153
Hessian fly		
Heterandra uniformis, paper on		233
Hewson, Dr., to reply to Jefferson		
borrows microscope		374
returns same		375
borrows bones		480
Heyne, Prof., letter from		372
Hiatus in minutes		
Higgins, Jesse, on removing water from sunken ponds	-	195
Hill, E., describes Niagara		
Hill, H., letter from		240
Hillsborough and Franklin		584
Hinkead, Geo, to be paid		155
Hints on the spotted fever now raging at Kennebec, Maine		445
"Hiram,"		
Hirundo rustica, migration of		409
Historical branch of the Society to be formed		429
Historical Committee organized		453
meets and organizes		454
duties of		
plan of action		
fixes its regular day of meeting		458
changes same		459
organizes and elects its officers		459
reports Vol. in press		477
to dispose of its own Transactions		486
reports a second Vol. ready for the press		534
presents three Vols. of MS. letters		653
Historical documents to be procured		4 06
at Harrisburg, said to be very valuable		458
part of the Transactions to be got ready		270
MS. to be examined		640
Historical Society of Pennsylvania, origin of		453
desires to examine the Society's papers, &c		549
refused	•	550
Hoar frost, paper on, by Dr. Caldwell		235
Hobrow, paper by, on street lamps		230 249

		PA	GE.
Hobson borrows portrait of Duponceau		 	625
Hodge, H. L., to prepare sketch of Prof. James		 	673
Hodgson, W. B., papers by		 	596
deposits a Berber girdle and books			603
presents coins			670
Högelmuller requests scientific desiderata			398
Holeus bicolor		 	477
Holland's Observations in Canada			70
Hollowell, Me., cold at			396
Holmes, A., death of			704
Holstein river shells			641
Holyoke, Dr. E., death of			592
sketch of			649
Homer's bust presented			388
Homespun made in Lancaster			56
Horner, Dr. prepares obituary notice of S. W. Conrad			619
reads same			620
Honey, poisonous			272
bee not American			213
Hommedieu, letter from			349
Hopkinson, Dr. F., gives bond as Treasurer		 	113
letter of			151
address by			121
lot of			122
deed and mortgage of lot			123
desires to resign			146
improves the harpsichord			141
wants his money			
to be paid			189
funeral of			194
bond paid by Rittenhouse			198
mortgage delivered up		 	202
Hopkinson, Dr. J. P., dissects a python		 	628
death of		 	683
Hopkinson, Judge, to prepare obituary of Gen. Geo. Izard			583
to prepare sketch of C. J. Marshall			700
Hoppes' Sextant			362
Horizontal wheel, plan of a		 	283
Horne, Rev. T. H., thanked by the Society for his donation		 	568
Horned lizard from Louisiana presented		 	380
referred to Dr. Barton		 	380
Horner, Dr., paper by		 	509
experiments on Luken's lithontriptor		 	540
to prepare sketch of Dr. P. S. Physick		 	710
Horses, calculi from			122
serpent in eye of		. 118,	
breeding of		 	236
Hosack, Dr., on vision	•	 	282
letter from		 	358
paper by		 	436
death of		 	679
Houckgeest, letter from		 	261
Houdon's bust of Franklin		 	302
House in Fifth street suitable for the Society		 	117
in State House Yard to be sold		 	118
built on Arch street lot		 	184
Houses, to protect against fire			618

			PAGE.
How moneys shall be disposed of			. 28
meetings shall be held			. 28
new laws are to be made			. 28
Howell, Rednap, on a moss dye			. 79
donation from			. 81
map of Pennsylvania, by			. 212
Hudson's bay to be mapped			. 18
Hugge, S., letter from			. 123
Human body, how to prevent from the effects of cold			. 71
Humboldt, A. Von, introduced as a visitor			. 358
Humphreys, Joshua, letter from	. 16	39,	182, 509
invents a pump			
regulates pendulums			. 167
correct scale beams			. 169
Humphreys, S., presents antiquities			. 624
Hungarian Academy desires intercourse			. 630
minerals			. 656
Hunt, Isbella (sic), letter of			. 95
Hunter, Jno., letter from			. 159
works presented			. 159
Hunter, Wm., of Calcutta, letter of			. 380
Hurricane in New England			. 87
Hutchins, Lieut., account of Illinois			. 69
of cascade in Fayette county			. 141
donation from			. 80
Hutchinson, Dr., to analyze fossil epsom salt			. 115
Hutchinson, S. T., letter from			. 263
a fraud			. 264
TT			
Hydrant, paper on a new			. 517
Hydrant, paper on a new			. 518
receives a premium	•		. 518 . 74
receives a premium		•	. 518 . 74 . 132
receives a premium Hydrophobia, remarkable case of. de Mederer on. Mease on.	•	•	. 518 . 74 . 132 . 232
receives a premium Hydrophobia, remarkable case of. de Mederer on. Mease on. Hydrostaticks.	•		. 518 . 74 . 132 . 232 . 154
receives a premium Hydrophobia, remarkable case of. de Mederer on. Mease on. Hydrostaticks. Hygrometer.		•	. 518 . 74 . 132 . 232 . 154 . 162
receives a premium Hydrophobia, remarkable case of. de Mederer on. Mease on.		•	. 518 . 74 . 132 . 232 . 154 . 162
receives a premium Hydrophobia, remarkable case of de Mederer on Mease on. Hydrostaticks. Hygrometer Hybernation of swallows		•	. 518 . 74 . 132 . 232 . 154 . 162
receives a premium Hydrophobia, remarkable case of de Mederer on Mease on. Hydrostaticks. Hygrometer. Hybernation of swallows T.		•	. 518 . 74 . 132 . 232 . 154 . 162 . 323
receives a premium Hydrophobia, remarkable case of. de Mederer on. Mease on. Hydrostaticks. Hygrometer. Hybernation of swallows T. Ibis, a new, discovered by Audubon		•	. 518 . 74 . 132 . 232 . 154 . 162 . 323
receives a premium Hydrophobia, remarkable case of. de Mederer on. Mease on. Hydrostaticks. Hygrometer. Hybernation of swallows T. Ibis, a new, discovered by Audubon Ice islands, paper on. 380, 382, 883, 384		5.	. 518 . 74 . 132 . 232 . 154 . 162 . 323
receives a premium Hydrophobia, remarkable case of. de Mederer on. Mease on. Hydrostaticks. Hygrometer. Hybernation of swallows T. Ibis, a new, discovered by Audubon Ice islands, paper on	, 38	5,	. 518 . 74 . 132 . 232 . 154 . 162 . 323 . 623 389, 391
receives a premium Hydrophobia, remarkable case of de Mederer on Mease on Hydrostaticks. Hygrometer Hybernation of swallows T. Ibis, a new, discovered by Audubon Ice islands, paper on paper returned to Dr. Fothergill paper returned to Dr. Mitchell	, 38	5,	. 518 . 74 . 132 . 232 . 154 . 162 . 323 . 623 389, 391 . 389
receives a premium Hydrophobia, remarkable case of de Mederer on Mease on Hydrostaticks. Hygrometer. Hybernation of swallows T. Ibis, a new, discovered by Audubon Ice islands, paper on paper returned to Dr. Fothergill paper returned to Dr. Mitchell Ice, vessel for sailing on	, 38	5,	. 518 . 74 . 132 . 232 . 154 . 162 . 323 . 623 389, 391 . 389 . 391
receives a premium Hydrophobia, remarkable case of. de Mederer on. Mease on. Hydrostaticks. Hygrometer. Hybernation of swallows T. Ibis, a new, discovered by Audubon Ice islands, paper on	, 38	5,	. 518 . 74 . 132 . 232 . 154 . 162 . 323 . 623 . 389, 391 . 391 . 68
receives a premium Hydrophobia, remarkable case of de Mederer on Mease on Hydrostaticks Hygrometer Hybernation of swallows T Ibis, a new, discovered by Audubon Ice islands, paper on paper returned to Dr. Fothergill paper returned to Dr. Mitchell Ice, vessel for sailing on drawing of a a non-conductor	, 38	5,	. 518 . 74 . 132 . 232 . 154 . 162 . 323 . 623 389, 391 . 389 . 680
receives a premium Hydrophobia, remarkable case of de Mederer on Mease on. Hydrostaticks. Hygrometer. Hybernation of swallows T. Ibis, a new, discovered by Audubon Ice islands, paper on paper returned to Dr. Fothergill paper returned to Dr. Mitchell Ice, vessel for sailing on drawing of a. a non-conductor Iceland crystal.	, 38	5,	. 518 . 74 . 132 . 232 . 154 . 162 . 323 . 623 389, 391 . 889 . 391 . 68 . 158 . 168 . 300
receives a premium Hydrophobia, remarkable case of de Mederer on Mease on Hydrostaticks. Hygrometer Hybernation of swallows T. Ibis, a new, discovered by Audubon Ice islands, paper on paper returned to Dr. Fothergill paper returned to Dr. Mitchell Ice, vessel for sailing on drawing of a. a non-conductor Iceland crystal Icelandish Society of Antiquaries.	, 38	5, 3	. 518 . 74 . 132 . 232 . 154 . 162 . 323 . 623 389, 391 . 389 . 391 . 68 . 680 . 300 . 300 . 537, 539
receives a premium Hydrophobia, remarkable case of. de Mederer on. Mease on. Hydrostaticks. Hygrometer. Hybernation of swallows T. Ibis, a new, discovered by Audubon Ice islands, paper on. paper returned to Dr. Fothergill paper returned to Dr. Mitchell Ice, vessel for sailing on drawing of a. a non-conductor Iceland crystal Icelandish Society of Antiquaries. requests books.	, 38	5,	. 518 . 74 . 132 . 232 . 154 . 162 . 323 . 623 389, 391 . 389 . 391 . 68 . 680 . 680 . 587, 539
receives a premium Hydrophobia, remarkable case of de Mederer on Mease on. Hydrostaticks. Hygrometer. Hybernation of swallows T Ibis, a new, discovered by Audubon Ice islands, paper on paper returned to Dr. Fothergill paper returned to Dr. Mitchell Ice, vessel for sailing on drawing of a a non-conductor Iceland crystal Icelandish Society of Antiquaries requests books. Ichtbyosaurus Missouriensis	, 38	5,:	. 518 . 74 . 132 . 232 . 154 . 162 . 323 . 623 389, 391 . 889 . 389 . 389 . 680 . 680 . 589 . 589
receives a premium Hydrophobia, remarkable case of de Mederer on Mease on. Hydrostaticks. Hygrometer Hybernation of swallows T Ibis, a new, discovered by Audubon Ice islands, paper on paper returned to Dr. Fothergill paper returned to Dr. Mitchell Ice, vessel for sailing on drawing of a. a non-conductor Iceland crystal Icelandish Society of Antiquaries. requests books. Ichthyosaurus Missouriensis Iconografia.	, 38	5, 3	. 518 . 744 . 132 . 232 . 154 . 162 . 323 . 623 . 389, 391 . 389 . 391 . 68 . 158 . 680 . 300 . 537, 539 . 589 . 647
receives a premium Hydrophobia, remarkable case of de Mederer on Mease on Hydrostaticks. Hygrometer Hybernation of swallows T Ibis, a new, discovered by Audubon Ice islands, paper on paper returned to Dr. Fothergill paper returned to Dr. Mitchell Ice, vessel for sailing on drawing of a a non-conductor Iceland crystal Icelandish Society of Antiquaries. requests books Ichthyosaurus Missouriensis Iconografia. Idol, from Hispaniola presented	, 38	5,	518 744 742 232 232 154 162 323 623 389, 391 680 158 680 300 537, 539 589 647 647 647 647 647 647 647 648 649 649 649 649 649 649 649 649
receives a premium Hydrophobia, remarkable case of de Mederer on Mease on Hydrostaticks. Hygrometer Hybernation of swallows T. Ibis, a new, discovered by Audubon Ice islands, paper on paper returned to Dr. Fothergill paper returned to Dr. Mitchell Ice, vessel for sailing on drawing of a a non-conductor Iceland crystal Icelandish Society of Antiquaries. requests books. Ichthyosaurus Missouriensis Iconografia Idol, from Hispaniola presented Indian	, 38	5,	. 518 . 744 . 732 . 232 . 154 . 162 . 323 . 623 . 389, 391 . 389 . 680 . 158 . 680 . 587, 589 . 647 . 643 . 228
receives a premium Hydrophobia, remarkable case of de Mederer on Mease on Hydrostaticks Hygrometer Hybernation of swallows T Ibis, a new, discovered by Audubon Ice islands, paper on paper returned to Dr. Fothergill paper returned to Dr. Mitchell Ice, vessel for sailing on drawing of a a non-conductor Iceland crystal Icelandish Society of Antiquaries requests books Ichthyosaurus Missouriensis Iconografia Idol, from Hispaniola presented Indian Illegality of lotteries	, 38	5,3	518 74 74 132 232 154 162 323 623 389, 391 68 158 680 300 337, 539 647 643 628 322, 329 75
receives a premium Hydrophobia, remarkable case of de Mederer on Mease on. Hydrostaticks. Hygrometer Hybernation of swallows T Ibis, a new, discovered by Audubon Ice islands, paper on paper returned to Dr. Fothergill paper returned to Dr. Mitchell Ice, vessel for sailing on drawing of a a non-conductor Iceland crystal Icelandish Society of Antiquaries. requests books Ichthyosaurus Missouriensis Iconografia Idol, from Hispaniola presented Indian Illegality of lotterles Illlegality of lotterles Illicium Floridanum	, 38	5,:	518 74 132 232 154 162 323 623 389, 391 68 391 68 158 69 391 68 158 69 158 158 158 158 158 158 158 158
receives a premium Hydrophobia, remarkable case of de Mederer on Mease on Hydrostaticks. Hygrometer Hybernation of swallows T Ibis, a new, discovered by Audubon Ice islands, paper on paper returned to Dr. Fothergill paper returned to Dr. Mitchell Ice, vessel for sailing on drawing of a. a non-conductor Iceland crystal Icelandish Society of Antiquaries. requests books Ichthyosaurus Missouriensis Iconografia. Idol, from Hispaniola presented Indian Illegality of lotteries Illicium Floridanum Illinois, account of the country of the	, 38	5,	518 744 1722 2322 154 1623 323 623 389, 391 680 158 680 300 537, 539 647 689 647 623 323 589 690 690 690 690 690 690 690 69
receives a premium Hydrophobia, remarkable case of de Mederer on Mease on. Hydrostaticks. Hygrometer Hybernation of swallows T Ibis, a new, discovered by Audubon Ice islands, paper on paper returned to Dr. Fothergill paper returned to Dr. Mitchell Ice, vessel for sailing on drawing of a a non-conductor Iceland crystal Icelandish Society of Antiquaries. requests books Ichthyosaurus Missouriensis Iconografia Idol, from Hispaniola presented Indian Illegality of lotterles Illlegality of lotterles Illicium Floridanum	, 38	55,	. 518 . 744 . 132 . 232 . 154 . 162 . 323 . 623 . 389, 391 . 391 . 68 . 158 . 680 . 300 . 307 . 589 . 647 . 643 . 228 . 322 . 329 . 647 . 648 . 649 . 649

	PAG	Ki.
Imperfections of thermometers		589
Impressions of echinus	-	204
Improved canvas	. '	490
dial	•	160
piston		467
steamboat boiler	159,	160
steam engine		280
steam pumps		264
"Improvement" reported on		269
Improvement of agriculture		79
fireplaces		254
chimney		254
on Hadley's quadrant		128
of lightning rods		185
of river navigation	•	500
in ship's pumps		
of the silk manufactory		20
		486
in surveying	-	220
of time-keepers, essay by Rittenhouse, on	-	128
Improvements in quilling a harpsichord		
Inception of the Society		1
Incorporation of the Society, plan of and bill for		106
blanks to be filled in	-	106
words to be omitted in		106
passed		107
supplement to act of		122
changes desired in		148
of Massachusetts Historical Society		227
Incrustations in steam boilers, to prevent		620
Index Floræ Lancastriensis by Mulenberg		189
Index made by Turner		274
to Transactions, New Series, to be prepared		627
Indians, North American, diseases of		87
Natural History of the		280
Indian antiquities presented		
inscriptions at Indian creek		208
music		263
pipe, flesh-colored, presented		237
		163
darts, specimens of		237
leggings presented		209
relics found at Belleville, Ohio		175
pottery presented		254
picture writing exhibited		
stone hatchet presented by Israel Jacobs		72
inscriptions in Narragansett bay		184
paint		143
spear stones presented	•	153
sculpture, curious	•	196
idol loaned		322
returned		329
earthen bottle from Louisiana		378
beads		375
vase found near Buck mountains, Luzerne county, Pa		455
made in the Cherokee fashion		455
languages of Mexico, notes on, by Duponceau		568
languages, MSS. of, to be reported on		664
Queen, meeting at the		7

PAGE.
Indigo, wild
Industrie Française lent Dr. Cooper
Inflammable fluids, to boil
Influence of weather on steel springs
Igenhausz's experiments on heat-conducting power of metals 161
Ingersoll, C. J., chosen annual orator
delivers oration
thanked
paper by
ordered to be published
to prepare sketch of James Madison
Inglis, Capt., book loaned to
Initiation fee, motion to increase
proposed for non-residents
not adopted
Ink and blank book, bill for
Inland navigation of Pennsylvania
Inoculation, essay on
Inscriptions at Indian creek
in Narragansett bay
new species of
found in the ear of a child
destructive to wheat, to kill
referred to Dr. Barton
of North America
pernicious, of the United States
noxious to young chickens, essay on
from Cuba 611
"Insect Fly," paper on
Instruction in Denmark
Instructions to be framed for Michaux
Instrument for casting interest
new, to describe ellipses
to determine exact distance
a new levelling
for observing sun and moon
Instruments bought
Insurance Company of North America, Magellanic funds invested in 237
stock of, held by the Society
on the Society's property 244, 264, 265, 309, 547, 576, 622, 645, 662, 666, 669
Interest machine
to be paid to Hopkinson
Bache
Interpolations, paper on
Invention of Hadley's quadrant
by G. W. Long
newleather bowl
of universal magnetic needle
Inventions by Jas. Rumsey
"Investigator," paper by
receives extra Magellanic Premium
Investments of the Society
to the eulogium on Rittenhouse
Inecacianha essay on
Ipecacuanha, essay on
fron, metallic, pure

PAGE.
Iron and steel, the art of making
Iron ores presented by T. Cooper
Irradiation
Irregular election of members
Izard, Gen. Geo., desires to aid the Society in Arkansas
paper by
letter from
death of
obituary of
J.
Jackson, Col., paper by
Jacobs, Israel, presents a stone hatchet
Jacquette, Major, letter from
Jamaica black alder of
butterflies
Subtoffaces: 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
#*************************************
James, Dr., borrows books
100ut Modernot 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
to write a preface to "Deaths in Philadelphia"
removed from the Patent Office
James, Edwin, M.D., paper by 562
reported on
James, T. P., death of
James bay, transit of Venus to be observed at
Jameson, David, thermometric observations at Yorktown, Va 176
Janeway, Dr., paper by
Janitor to be paid
salary of
death of
and C. Rediger appointed.
of Edutician Charen to be para
Janus exantitor
Jaudennes receives diploma
Jaw bone of a mammoth presented
Jefferson, Thos., President A. P. S. Society 210, 218, 250, 346, 370, 382, 392
paper by
thanked
letter to
letter from 113, 250, 308, 309, 322, 332, 317, 370, 382, 392, 404, 411, 412, 418, 420, 426
485 444 449 452 479 520 546
acknowledges re-election
declines re-election
resigns the Presidency A. P. S
letter of, to be inserted in the minutes
do do., to be published
do dos, to oc passions of the territorial
accepts pusition as commented the commented to the commen
presents the Med Journals of Letter and the second
presents coins and medals
mammoth bones
bust of, presented by Mrs. Sergeant
writes the Declaration of Independence at South-west corner Seventh
and Market streets
portrait presented
Library of, Society buys books from 621
Jeffries, Dr., paper on ærial voyages

	PAGE.
Jerboa	
Johnson, Judge Wm., death of	
Johnson, Ruth, thanked.	
Johnson, W. R., loan to	
Toint occupancy of the huilding offered the Dhiledelphia Tibrory	153
Joint occupancy of the building offered the Philadelphia Library	321
"Jolly Tar"	603
Jomard, letter from	
Jones, Jno., model of a bridge	
Jones, Dr., funeral of	195
Jones, Gen., paper by	380, 385
Jones, Capt., paper on lead cartridges	427
sent to Washington	428
Kane appointed to prepare obituary notice of	319, 649
Jones, Capt. W., of Philadelphia, queries by	108, 409
exhibits a machine for generating heat by compression 4	107, 408
Jones, R. S., exhibits American wine	15
Jones, Sir Wm. opinion as to arrearages of dues	175
Jones, Wm., thanked	
letter from	
death of	
Jones, Wm., of Calcutta, presents a marble image of Ganesa	428
thanked	
to receive Transactions	428
renlies to queries	
replies to queries	108, 409
Jones, W., of London, thanked	
presents globes	236
letter from	236
Joslin, B. F., paper by	618
inquires after it	670
Jourdan, W. Crowley, letter from	242
Journal of Capt. Billings.	206
de Physique presented	399
MS., of Wm. Dunbar presented	472
of Lewis and Clarke presented by Jefferson	475
of Wm. Sullivan	46, 359
"Julius," paper by	62, 363
not worthy of a premium	402
Jupiter's satellites, observations of	47
K.	
·	
Kabyle vocabularies	520
Kaleidophone	708
Kalmia Floridiana	82, 90
Kane, J. K., minutes written by	580
to prepare obituary notice of Wm. Jones	619
excused	649
to prepare sketch of Simeon De Witt	62, 675
Keating, Mr. W. H., paper by	503
resigns from the Society	572
borrows Long's project for an improved lock	619
returns same	621
thanked	600
Keene, Alderman, letter of	176
Kennebec, Me., spotted fever at.	445
Kennedy's account referred.	61
to be paid	60

	PAGE.
Kentucky saltpetre caves	. 382
soil of	. 453
Kepler vs. Newton	. 580
Kidney, an uncommon human	. 114
"Kilogramme" exhibited	. 391
King, N., letter from, referred	. 262
to be printed	. • 263
Kingsbury's Mexican antiquities to be bought	. 708
Kingsley, Jas. L., analyzes meteoric stones	
Kirk, Tim., invents a universal timekeeper	
paper by	
Kirwan's mineralogy purchased	
Klaproth's letter to be answered	
requests a copy of Potocki's travels in Russia	
death of	
Klingstedt, Baron recommended for election	
Knight, Dan., to be paid	
Knox, S., letter from	-
to be answered	,
silver goblet for.	
inscription on	
prize awarded to	
thanked	
Kosciusko presents a Swedish coin	•
thanked	
Krusenstern, letter and donation from	•
Kryolite presented	
Kuhn, L. C., exhibits a pile driving machine	
Kinits, L., requests a premium for his method of multiplying leeches	. 465
	. 465
Kinits, L., requests a premium for his method of multiplying leeches	. 465
Kinits, L., requests a premium for his method of multiplying leeches Kuntzie, receives Vol. of Transactions with members' signatures	. 465 . 121
Kinits, L., requests a premium for his method of multiplying leeches Kuntzie, receives Vol. of Transactions with members' signatures La Fayette, letter of	. 465 . 121
Kinits, L., requests a premium for his method of multiplying leeches. Kuntzie, receives Vol. of Transactions with members' signatures La Fayette, letter of	. 465 . 121 . 112 . 125
Kinits, L., requests a premium for his method of multiplying leeches. Kuntzie, receives Vol. of Transactions with members' signatures La Fayette, letter of	. 465 . 121 . 112 . 125 . 127
Kinits, L., requests a premium for his method of multiplying leeches. Kuntzie, receives Vol. of Transactions with members' signatures La Fayette, letter of	. 465 . 121 . 112 . 125 . 127 . 532
Kinits, L., requests a premium for his method of multiplying leeches. Kuntzie, receives Vol. of Transactions with members' signatures La Fayette, letter of	. 465 . 121 . 112 . 125 . 127 . 532 . 532
Kinits, L., requests a premium for his method of multiplying leeches. Kuntzie, receives Vol. of Transactions with members' signatures. La Fayette, letter of	. 465 . 121 . 112 . 125 . 127 . 532 . 532 . 533
Kinits, L., requests a premium for his method of multiplying leeches. Kuntzie, receives Vol. of Transactions with members' signatures. La Fayette, letter of	. 465 . 121 . 112 . 125 . 127 . 532 . 533 . 589
Kinits, L., requests a premium for his method of multiplying leeches. Kuntzie, receives Vol. of Transactions with members' signatures. La Fayette, letter of	. 465 . 121 . 112 . 125 . 127 . 532 . 533 . 589 . 653
Kinits, L., requests a premium for his method of multiplying leeches. Kuntzie, receives Vol. of Transactions with members' signatures. L. La Fayette, letter of	. 465 . 121 . 112 . 125 . 127 . 532 . 533 . 589 . 653
Kinits, L., requests a premium for his method of multiplying leeches. Kuntzie, receives Vol. of Transactions with members' signatures. La Fayette, letter of	. 465 . 121 . 112 . 125 . 127 . 532 . 533 . 589 . 653 . 653
Kinits, L., requests a premium for his method of multiplying leeches. Kuntzie, receives Vol. of Transactions with members' signatures. La Fayette, letter of	. 465 . 121 . 112 . 125 . 127 . 532 . 533 . 589 . 653 . 653 . 563
Kinits, L., requests a premium for his method of multiplying leeches. Kuntzie, receives Vol. of Transactions with members' signatures. La Fayette, letter of	. 465 . 121 . 112 . 125 . 127 . 532 . 533 . 589 . 653 . 653 . 563 . 389 . 533
Kinits, L., requests a premium for his method of multiplying leeches. Kuntzie, receives Vol. of Transactions with members' signatures. L. La Fayette, letter of	. 465 . 121 . 112 . 125 . 127 . 532 . 533 . 589 . 653 . 653 . 653 . 389 . 533
Kinits, L., requests a premium for his method of multiplying leeches. Kuntzie, receives Vol. of Transactions with members' signatures. La Fayette, letter of	. 465 . 121 . 112 . 125 . 127 . 532 . 533 . 589 . 653 . 653 . 653 . 633 . 647 . 678
Kinits, L., requests a premium for his method of multiplying leeches. Kuntzie, receives Vol. of Transactions with members' signatures. La Fayette, letter of	. 465 . 121 . 112 . 125 . 127 . 532 . 533 . 589 . 653 . 653 . 653 . 389 . 533 . 6478 . 429
Kinits, L., requests a premium for his method of multiplying leeches. Kuntzie, receives Vol. of Transactions with members' signatures. La La Fayette, letter of	. 465 . 121 . 112 . 125 . 127 . 532 . 533 . 589 . 653 . 653 . 653 . 653 . 647 . 647 . 647 . 647
Kinits, L., requests a premium for his method of multiplying leeches. Kuntzie, receives Vol. of Transactions with members' signatures. L. La Fayette, letter of	. 465 . 121 . 112 . 125 . 127 . 532 . 533 . 589 . 653 . 663 . 563 . 563 . 563 . 563 . 563 . 563 . 563 . 589 . 533 . 533 . 533 . 532 . 533 . 534 . 534
Kinits, L., requests a premium for his method of multiplying leeches. Kuntzie, receives Vol. of Transactions with members' signatures. La La Fayette, letter of	. 465 . 121 . 112 . 125 . 127 . 532 . 533 . 589 . 653 . 663 . 663 . 689 . 538 . 689 . 538 . 589 . 589
Kinits, L., requests a premium for his method of multiplying leeches. Kuntzie, receives Vol. of Transactions with members' signatures. La Fayette, letter of	. 465 . 121 . 112 . 125 . 127 . 532 . 533 . 589 . 653 . 653 . 653 . 653 . 429 . 281 . 281 . 281
Kinits, L., requests a premium for his method of multiplying leeches. Kuntzie, receives Vol. of Transactions with members' signatures. La Fayette, letter of	. 465 . 121 . 112 . 125 . 127 . 532 . 533 . 589 . 653 . 653 . 653 . 647 . 647 . 647 . 281 . 281 . 420 . 281
Kinits, L., requests a premium for his method of multiplying leeches. Kuntzie, receives Vol. of Transactions with members' signatures. La La Fayette, letter of	. 465 . 121 . 112 . 125 . 127 . 532 . 533 . 589 . 653 . 663 . 563 . 563 . 563 . 563 . 563 . 563 . 563 . 589 . 533 . 547 . 532 . 532 . 532 . 547 . 542 . 542 . 542 . 542 . 542 . 543 . 544 . 545 . 546 . 547 . 548 . 548
Kinits, L., requests a premium for his method of multiplying leeches. Kuntzie, receives Vol. of Transactions with members' signatures. La La Fayette, letter of	. 465 . 121 . 112 . 125 . 127 . 532 . 533 . 589 . 653 . 663 . 663 . 683 . 684 . 678 . 281 . 418 . 420 . 421 . 426 . 426 . 577, 561
Kinits, L., requests a premium for his method of multiplying leeches. Kuntzie, receives Vol. of Transactions with members' signatures. La La Fayette, letter of	. 465 . 121 . 112 . 125 . 127 . 582 . 533 . 589 . 653 . 653 . 663 . 389 . 533 . 647 . 429 . 281 . 281 . 291 . 418 . 420 . 421 . 456 . 429 . 537 . 565 . 565 . 565 . 567 . 567

FAUE.
Lamps, oil for argand
street or house
Lancaster county pottery
homespun made in
cubic pyrites from
Land grant to be asked from the Assembly
surveying
Lang, Jno., thanked
Languages of the Berbers
Language of the Moors
of signals
Languishing state of the Society
La Plata rock crystal ,
La Roche, Dr., to prepare obituary notice of Dr. Samuel Brown 599
reads same
Lasteyrie, Count, death of
resolutions of the Society upon the
not dead
Last voyage of Capt. Cook
Latitude and longitude, to find
of Washington
Latrobe, H B., papers by
letters from
has Society's maps in his possession
Laurens, Henry, letter from, with £50 donation for the building 152
Lavoisier, cast of
Lava from Ascension island
from Etna
from Mauritius
Laval, Count, letter from
Lawrence, Wm., letter of
Lawrence's portrait of Abbè de Serra
Laws of the Society
to be drafted
draft read
new, how made
to be published
additional
Law regulating election of members
altered
payments to be made by members
election of officers
as to payment by non-resident members
Laws
of the Society considered and reported on
fundamental repealable by the Society
Lawrie, paper on longitude
letter from
Lea, Isaac, paper by
to prepare sketch of Judge Tait
Leacock, letter of, on a public vineyard
proposal declined
Lead ore from Wythe county, Va
from Perkiomen
from Missouri
poison from
glazin

PAGE
Lead cartridges
Leaky roofs, to prevent
Lease to Peale
legal opinion on
to the Freemasons considered
proposed to the Philadelphia Library Company 166
of cellars to be advertised
to made for twenty years
to John Vaughan
of rooms to University of Pennsylvania
executed
renewal desired
of front room executed to College of Physicians
renewed
desired by the Agricultural Society
the Atnenæum
to Sully
Leather bowl, a new invented
producting and producting the production of the
Lee, Arthur, MSS. of presented
Lee, R. H., presents a Franklin MS
Leeches, Kunits method of multiplying
Legacy of Franklin
of Jno. Scott
Le Geaux, hygrometer loaned to
Meteorological observations by
letter on vine culture
MsS. of
Legislature grants money 123
thanked 106
considers the propriety of selling the State House yard 433
asked to appropriate \$500 to publish valuable historical documents
owned by the Society
proposition withdrawn
to be asked for the minutes of the Provincial Council 691, 693, 695
L'Heritier presents botanical prints
Lehigh coal presented
to burn in stoves
Leiper's house struck by lightning
Leipsic Transactions obtained
Lenni Lenape grammar
Denni Denabe Brannari
manage of process of the contract of the contr
Depuis, new species of the contract of the con
Lefebours, lebter from
thanked
Leslie, R., letter of
offers to repair Society's clock
accepted
thanked
to repair clock
Le Sueur exhibits drawings of the United States fishes
permitted to draw bones
Letombe, letter from
Lettsom, Dr., thanked
letter from

Latter from Ahmhamson	598
Letter from Abrahamson	
from J. Adams	
from Sam. Adams	
from Aitken	
from Tim. Alden	
from Andrada	
from Mr. Annam	155
and present from John Arbo	64
from Archbishop of Sweden	
from the Assembly	
from Mr. Arthaud	
from Mr. Atlee	
on atmospheric electricity	
from D. Austin	
from Wm. Baker	
from Sir Jos. Banks	
from Jas. Barbour	472
from Barth	562
from R. P. Barton	
from Dr. Barton	327, 342, 362
from Beauvois	273
from Wm. Barton	
from J. Belknap	
from Bigsby	
from Biot	
from Dr. Black	
from C. Blagden	197
from J. B. Boardley	
from E. Boudinot	
from Brahm	209
from John Brand	327
from Jas. Brisbane	174
from Jas. Brown	
from John Brown	325
from P. A. Browne	601
from Dr Bryant of Trouton	76
from Dr. Bryant, of Trenton	
of inquiry about Abel Buel's types	
from Buffon	
to Buffon	
from Mr. Bull	
from Dr. Burgeus	
from Dan. Byrnes	
from I. Bywater	
from J. Caffrey	
from A. G. Camper	458
from N. Carlisle	689
from Gen. Lewis Cass	564
from Comte Cassitane	155
from Dr. Sam. Brown.	401
from Josiah Chapman	490
from J. Churchman	173, 197
from J. D. Clifford	430
from Cointeraux	408
from Mr. Coles	614
from J. Cooke on weights	195
from Jos. Cooper on peach tree worms	65
from College of Physicians	

	PAC	3 E.
er from R. Conyngham		
from Jos. Coppenger		42 0
from E. T. Correa da Serra	-	53 9
from Wm. Couldery		259
from Ch. Cresswell		413
from Rev. Temple Henry Croker		152
from S. Cunningham		66
from P. Custis		358
from Dr. Cutler		209
rom Cuvier		534
om J. W. Dalman		578
rom Jno. Dalton	-	327
rom Daneufville	•	150
om Princess Dashkaw	-	
om D'Aubenton		154
	-	160
om Rev. R. Davidson	-	374
om John Dawes	-	128
om D'Armours	-	
om Col. de Abeville	-	114
om De Beauvois	-	202
om Leopold de Buch	-	529
om Baron de Ferrussac	-	530
om Diego de Garda	-	169
om de Granchain		111
om De Gournoff	-	604
om De Hupsch	176,	327
om Delambre	375,	410
om Mederer on hydrophobia		132
om Demaree		371
om Dr. De Normandie about a preternatural birth		75
om Chev. de St. George		209
om Dilly		160
n the doctrine of tides		66
om Governor Drayton		342
rom Ducalde		334
rom Dunbar		390
rom Samuel Dunn of London		81
rom Chevalier DuPonceau		533
rom Du Ponceau	202.	574
rom Dupont de Nemours		331
om Ebeling		271
on education		
rom S. Elam		295
rom Ellicott	221	
		348
om Geo, Erving		616
om Ed. Everett		13
rom Jno. Ewing		75
om Mr. Farmer		
rom Jos. Fauchet		225
rom Felix Fontana		86
rom J.R. Foster		72
rom Dr. Fothergill		206
rom Dr. Foulke		209
rom Franklin, relating to origin of the Society.	•	1
other letters of	124,	165
rom H. Garnet	•	311
om Geo. Gauld		80

				PA	
	from citizen Genet				218
	rom Chief Justice Gibson				699
	om Gilpin about the annual passage of herrings				97
	rom Giraldes				572
	rom R. Geldsborough				193
	rom Dr. Jas. Greenway.				206
	rom Arthur Grier				173
	rom H. Guest.				
	rom John Hall				
					208
	rom Major John Hart				
	rom Hassler				202
	rom Mr. Heart				
	rom J. G. di Herdsö				
1	rom Herman		• •	•	255
f	rom Herschel			•	151
f	om Prof. Heyne				372
f	rom Jesse Higgins				195
f	rom H. Hill				240
f	om Hommedieu				349
f:	rom Hopkinson		118,	151,	186
f	om Dr. Hosack				358
f.	rom Houckgeest				261
f	om Rednap Howell			. 79	. 97
f	om S. Hugge				123
f	om Joshua Humphrey		167.	169.	182
f	om Humphreys	• •	,	,	509
f	om Mrs. Hunt	• •	• •	•	95
f	om Jno. Hunter	• •	• •	•	159
f)	om Wm. Hunter of Calcutta		• •	•	380
ñ	om S. P. Hutchinson	٠.	• •	•	263
	a frand	• •	• •	•	264
•	a fraud	• •			
	om Gen. Izard				
	om Major Jacquett	• •		•	546
11	rom Jefferson 113, 240, 248, 250, 308, 309, 347, 370, 382, 392, 404, 411,		•		
	435, 441,				
	to be published				
	T	• •		•	451
-	Jefferson				250
fì	o Jefferson	: :	• •	•	250 66
fi fi	o Jefferson om John Jones om W. Jones	 	• •	23 6 ,	250 66 311
fi fi fi	o Jefferson com Jonn Jones com W. Jones com Jones and Weeden	• •	• •	23 6 ,	250 66
fi fi fi	o Jefferson om John Jones om W. Jones om Jones and Weeden. om Jomard.		• •	236,	250 66 311
f) f) f) f) f)	o Jefferson com John Jones com W. Jones com Jones and Weeden com Jomard com W. H. Keating	· · · · · · · · · · · · · · · · · · ·	• • • • • • • • • • • • • • • • • • •	236,	250 66 311 328
n n n n n	o Jefferson om John Jones om W. Jones om Jones and Weeden om Jomard om W. H. Keating om Alderman Keene			23 6,	250 66 311 328 603
1) 1) 1) 1) 1) 1) 1) 1)	o Jefferson om John Jones om W. Jones om Jones and Weeden om Jomard om W. H. Keating om Alderman Keene om N. King referred			236,	250 66 311 328 603 572
1) 1) 1) 1) 1) 1) 1) 1)	o Jefferson om John Jones om W. Jones om Jones and Weeden om Jomard om W. H. Keating om Alderman Keene om N. King referred			236,	250 66 311 328 603 572 176
1) 1) 1) 1) 1) 1) 1) 1)	o Jefferson om John Jones om W. Jones om Jones and Weeden om Jomard om W. H. Keating om Alderman Keene om N. King referred om Klaproth			236,	250 66 311 328 603 572 176 262
1) 1) 1) 1) 1) 1) 1) 1)	o Jefferson om John Jones om W. Jones om Jones and Weeden om Jomard om W. H. Keating om Alderman Keene om N. King referred om Klaproth om S. Knox			236,	250 66 311 328 603 572 176 262 524 266
1) 1) 1) 1) 1) 1) 1) 1)	o Jefferson om John Jones om W. Jones om Jones and Weeden. om Jomard om W. H. Keating om Alderman Keene om N. King referred om Klaproth om S. Knox to be answered			236,	250 66 311 328 603 572 176 262 524 266 266
fi fi fi fi fi fi fi fi	o Jefferson om John Jones om W. Jones om Jones and Weeden. om Jomard om W. H. Keating om Alderman Keene om N. King referred om Klaproth om S. Knox to be answered om Capt. Krusenstern			236,	250 66 311 328 603 572 176 262 524 266 266 543
fi fi fi fi fi fi fi fi	o Jefferson om John Jones om W. Jones om Jones and Weeden. om Jomard om W. H. Keating om Alderman Keene. om N. King referred om Klaproth om S. Knox to be answered om Capt. Krusenstern om La Fayette			236,	250 66 311 328 603 572 176 262 524 266 266 543 112
fi fi fi fi fi fi fi fi fi fi	o Jefferson om John Jones om W. Jones om Jones and Weeden om Jomard om W. H. Keating om Alderman Keene om N. King referred om Klaproth om S. Knox to be answered om Capt. Krusenstern om La Fayette on air balloons			236,	250 66 311 328 603 572 176 262 524 266 543 112
វា វា វា វា វា វា វា វា	o Jefferson om John Jones om W. Jones om Jones and Weeden om Jomard om W. H. Keating om Alderman Keene om N. King referred om Klaproth om S. Knox to be answered om Capt. Krusenstern om La Fayette on air balloons animal magnetism			236,	250 66 311 328 603 572 176 262 524 266 543 112 125 127
fi fi fi fi fi fi fi fi fi fi fi fi fi f	o Jefferson om John Jones om W. Jones om Jones and Weeden. om Jomard om W. H. Keating om Alderman Keene om N. King referred om Klaproth om S. Knox to be answered om Capt. Krusenstern om La Fayette on air balloons animal magnetism om H. B. Latrobe			236,	250 66 811 328 603 572 176 262 524 266 543 112 125 127 294
fi fi fi fi fi fi fi fi fr	o Jefferson om John Jones om W. Jones om Jones and Weeden. om Jomard om W. H. Keating om Alderman Keene om N. King referred om Klaproth om S. Knox to be answered om Capt. Krusenstern om La Fayette on air balloons animal magnetism om H. B. Latrobe om Henry Laurens			236,	250 66 811 328 603 572 176 262 624 266 543 112 125 127 294
fi fi fi fi fi fi fi fr fr fr	o Jefferson om John Jones om W. Jones om Jones and Weeden om Jomard om W. H. Keating om Alderman Keene om N. King referred om Klaproth om S. Knox to be answered om Capt. Krusenstern om La Fayette on air balloons animal magnetism om H. B. Latrobe om Henry Laurens om Count Laval.			236,	250 66 311 328 603 572 176 262 524 266 543 112 125 127 294 152 557
fi fi fi fi fi fi fi fi fr fr fr	Jefferson om John Jones om W. Jones om Jones and Weeden om Jomard om W. H. Keating om Alderman Keene om N. King referred om Kiaproth om S. Knox to be answered om Capt. Krusenstern om La Fayette on air balloons animal magnetism om H. B. Latrobe om Henry Laurens om Count Laval. om Wm. Laurenee			236,	250 66 311 328 603 572 176 262 524 266 266 543 112 125 127 294 152 557
fi fi fi fi fi fi fi fr fr fr fr fr	o Jefferson om John Jones om W. Jones om Jones and Weeden. om Jomard om W. H. Keating om Alderman Keene om N. King referred om Klaproth om S. Knox to be answered om Capt. Krusenstern om La Fayette on air balloons animal magnetism om H. B. Latrobe om Henry Laurens om Count Laval om Wm. Laurenee om J. Leacock.			236,	250 66 311 328 603 572 176 262 262 266 543 112 125 127 294 152 557 534 75
fi fi fi fi fi fi fi fr fr fr fr fr	Jefferson om John Jones om W. Jones om Jones and Weeden om Jomard om W. H. Keating om Alderman Keene om N. King referred om Kiaproth om S. Knox to be answered om Capt. Krusenstern om La Fayette on air balloons animal magnetism om H. B. Latrobe om Henry Laurens om Count Laval. om Wm. Laurenee			236,	250 66 311 328 603 572 176 262 524 266 266 543 112 125 127 294 152 557

	PAGE.
Letter from Robert Lesslie	144
from Letombe	
from Dr. Lettsom	
from W. Lewis ·	350
from "Lime"	312
from Linnean Society, London	377
from R. R. Livingstone	87 3
from Major Long	37, 539
from Lorick	532
to Louis Philippe	614
from L.S	153
from Rev. Mr. Ludlam.	72
from Rev. Wm. Madison	
from the Manchester Literary Society	486
from Mandrillon	163
from Rev. Jas. Manning	79
from H. Marshall on forest trees	141
from Mr. Maskelyne respecting transit of Venus	46
	545
from I. Martini	616
from T. Mutlack	491
from T. Matlack	86
from Poht McCountin	176
from Robt. McClaustin	372
from Dr. McClean	
from J. McHenry.	117
from Miot de Melito	545
from Prof. Meyer	98
to Prof. Meyer.	204
from Michaux.	593
from Peter Miller	177
from Dr. A. Montgomery	434
from Morandini	593
from Sam. More	72
from Geo. Morgan	205
from Magellan	118
offering 200 guineas	135
respecting the Magellanic Fund	137
altering conditions of the Fund	145
from S. B. J. Noel de la Morinière	441
from Capt. Mussey	554
from Dr. Nassey	232
from National Institute of France	332
from de Neufville	593
from Noel	. 259
No. 3	
from Andrew Oliver	68
from Olsen	526
from Otto on the first discovery of America	142
from Mr. Patrullo	4(4
from Mr. Patterson	186
on hydrostatics	154
from C. W. Peale	197
from Jacob Peck	5 51
from Granville Penn	698
from Jacob Perkins	488
from S. Peters	
from "Philo-Franklin"	185

	1 Au	ш.
Lette		62
		64
	from E. Pole	05
	from Thos. Pole	05
	· · · · · · · · · · · · · · · · · · ·	8ح
		97
		91
	from Dr. Priestley	
		72
		98
	from Prof Prognaria	30 46
		96
		14
		43
	from Rittenhouse	
		00
	from W. C. Rives	20
	from Count Romanzoff	46
	from Citizen Roume	44
	from Dr. Roxborough	41
		86
	from Abbé Rozier	83
	from Royal Academy of Lisbon	94
		08
		60
	from Dr Royburgh	
		73
	from Sadler and Ogleby	84
	from J. M. Salazar	77
	from Dr. Sandiford.	73
		91
		88
	from the Secretary of legation of the Netherlands	86
	from the United States Secretary of War 4	86
	sent with each copy of Transactions	73
	from Winthrop Sergeant	37
	from Wm. Shaler	81
	from H. G. Shaw	31
	from E. Shippen	90
	from B. Shultz	90
		12
	on silk culture	51
		59
		73
	from Stockler	81
	from Stockler	00
	from Jos. Story	38
	from Wm. Stroud	74
	from Stroynowski	67
	from Struve	39
	from Gen. Sullivan on a discovery of talc	11
	from Jas. Sullivan	68
	from Judge Tait	67
	from wm. Tatham	84
	from Temminck	43
		95
	of thanks to be drafted	

Letter of thanks adopted
from D. Thomas
from Dr. B. Thompson, of Concord, N. H
from Chas. Thomson
from Prof. Thunberg
from Dr. Tiarks
from Geo. Ticknor
from Tidyman
from Judge Turner
our construction of a contract of the c
from Wm. Vaughan, of London
from R. Vall Travers
nom vorgonization in the contract of the contr
nom months to be a second of the second of t
of Von Burgdorf
from Von Hammer
from Walmsley
from R. Waln, Jr
from Rev. D. B. Warden
from Gen. Washington
from Bushrod Washington
from Dr. Jno. Watkins
from S. Webber
from Noah Webster
from Caleb Whitefoord
from Jno. Whitehurst
from E. Williams
to be answered
from Jona. Williams
from Robt. Williams
from S. Williams, of Bradford, N. E
from Mr. Williams
from Patrick Wilson
of Jas. Winthrop
from Dr. Wrangel on Swedish baths
from Zach
on mammoth bones
on wild garlic, to be published
Leveling instrument, a new
Levis, to be paid
Lewis, Alex., paper by
Lewis, Capt. M., borrows specimens natural history
presents minerals
Lewis, S., to be paid
Lewis, W., letter from
Lewis and Clarke, MSS. journals of, presented
Lexington, Ky., ancient fortification near 466
Liberty of conscience in the American colonies
Librarian, election of
to be chosen
appointed
salary of

PAGE.
Librarian, duties of
by-law, relative to
to report on the papers in the possession of the Society ready for pub-
lication
authorized to sell Journal de Physique
to prepare a catalogue of the Library
ordered to procure a book to register death of members and biographical accounts of the same
graphical accounts of the same
reports same
to notify the chairman of every committee of his appointment 509
Library to be placed in some member's house
to be catalogued and arranged
and cabinet removed to Rittenhouse's house
regulations
catalogue of, lost
books can be loaned from
state of, to be considered
rearrangement of the 497
committee on
of Wm. Priestman
Library Company of Philadelphia to build on State House square 124
to be asked to join in a petition to the Assembly
declines to do so
to be treated with about a lease
will not occupy the Society's Hall
Lichtenstein, paper by
Life-membership fixed at \$50
Light, remarks on
and caloric
color and shadow
Lightning, remarkable stroke of
rods to be placed on the Hall
bill for
Lime
easy method of making
hydraulic, analyzed by Henry Seybert 513
Limit in membership proposed
Linnean Society permitted to meet in the A. P. S.'s Hall
letter from
request refused
Lion's mouth to be provided
ready for use
List of members of the American Philosophical Society
to be prepared and published
of the Society's apparatus
of minerals
of German immigrants
of foreign members to be made out
reported
of communications to be published
of Lancaster families making homespun 56
of Mrs. Johnson's curiosities
of subscriptions
of outstanding debts called for

PA	a re
List of papers in Rittenhouse's possession	128
ordered of foreign Philosophical Societies	62
reported	
Liston, R, death of	692
Lithographic stone loaned.	487
Lithontriptor, exhibited	
experimented on favorably	540
Lithotrity	
Livingston, Ed., death of	688
Livingstone, R. R., paper by	
letter from.	373
Loadstone presented	389
Loan to Dr. Barton	
to Dr. Caldwell	315
to Featherstonehaugh	614
to Garnett	415
to Dr. Hare	
	480
to Dr. Hewson. to Dr. James.	371
	707
to W. R. Johnson	398
	341
to Patterson	314
to Peale	703
•	507
to F. C. Schaeffer	371
to Dr. Seybert	371
to Jno, Vaughan	
to Woodhouse	
of books from the Library	156
of £500 from Dr. Franklin.	
Loans from Cabinet to be entered in a book	615
Locks for canals, to build cheaply	
Logan MSS, to be published	653 107
Loganian Library	233
Logarithms, new method of, by Rittenhouse	
table of	344
to find roots of equations by	
Long, G. W., invention by	549
withdrawn	550
Long, Major Stephen H., proposes a substitute for locks in canals	527
letter from	
papers by	
reported on adversely	540
Long's paper to be published in the Transactions in abstract	541
Longevity in North America	
Longitude of Philadelphia	
of State House Square	46
papers on 88, 91, 154, 161, 165, 173, 174, 229, 286, 242, 249, 276, 281, 299, 320,	323
lunar	
of Lancaster.	320
of the Hall of the American Philosophical Society	640
of places in the United States	676
of Washington	456
Looming, the phenomena of	
Lord's Prayer in Arabic	707
Lorick, Major, requested to inform the Society about certain books of Prof.	
Rafn	565

	PAGE
Lorick, Major, reports on same	
letter from	53
prepares obituary notice of N. Collin	
death of	. 70
Lorrey, R. K., paper by	
Loss of membership	
Lot to be obtained for a Hall	
on Arch Street to be bought	. 12
to be sold	
sold	
of Hopkinson offered for sale	
deed of.	
Committee on, continued	
granted by the Assembly	
of Mr. Willing on Third street	
on Fifth Street too dear	
Powel's, declined.	
Lotteries discountenanced by the Society	. 7
Louis XVI, Orrery to be given to	
accepts it	
to receive Pennsylvania silk	115
Louis Philippe, letter to	
Lovell, Jos., offers the Society Meteorological observations	
Lower Louisiana and Lower Egypt compared	
"L.S.," letter of	
Ludlam, letter from	
Lukens, Treasurer, account of to be settled	
Lukens invents a lithontriptor	
experimented on favorably	
borrows the Society's telescope	. 64
Luminous spark	
Lunar eclipse of April, 1809, observed at Lancaster	
latitude	
longitude	
tables	. 678
Lungs, abscess of, relieved by Bristol water	. 6
Lupinus Emiticus	
foliisternatis	
Lusus naturæ, print of a	. 18
Lutheran Church loaned for the Franklin eulogy	. 191,19
thanked	. 192, 480
$\mathbf{M}.$	
Machine to propel a boat against a current	. 39
for spreading gypsum, invented by M. Wykoff	. 39
for weighing loaded wagons.	
for draining marshes.	. 12
colled an elevator	. 19
called an elevator	. 13
for rowing against a current	. 18
for drying grain	. 18
for twisting twine	49
McClaustin, Rob., letter of, on the Spray of Niagara	. 17
McCleary, Dr., letter from	. 37
McClure, Wm., on the geology of the United States	
MACIUITIE	519

PAGE	
McCorkle, S., paper by	7
McNair, Andrew, employed as collector	7
McNeven, Dr., analyzes Dutchess county soil	4
paper returned	
Maculæ, solar, report on Marshall's paper on	
Madison, Rev. Wm., meteorological observations of	
paper by	
thanked	
letter from	4
Madison, Jas., death of	9
Ingersoll to prepare sketch of	9
Madrapore presented	2
Magalonix bones	
Magaw, Dr., address in the African Church	
letter replied to	
offers 200 guineas for a Fund	
letter to him respecting his offer	7
alters conditions of the Fund	5
letter from	5
to receive Transactions	4
Magellanic Fund, origin of the	
to be invested	~
invested in a ground rent	
value of the premium	
in stock North America Insurance Company	
state of the	
conditions of the	0
altered	
rules for	6
how the surplus shall be used	3
taxed	
to the second se	
record of contract of the cont	
management of	17
Magellanic Premium, communcations for the 154, 155, 159, 161, 163, 164, 165, 175	
185, 194, 198, 199, 209, 216, 233, 245, 36	
rules for	36
reports on	
votes on	
awards of	39
to be advertised	
report on	
Topoltom, T. C.	
extra, to be given	
what the words natural history mean	
condition of, cannot be altered	
postponed a year	
subjects for	16
fire escape, offered for	00
air pump, offered for	
refused	
proposition of its disposal to be printed	
proposition of the mark that the proposition of the	
notices of the, to be constituted to the constitute of the constit	
surplus can be used	
resolution relative to (1827)	
limited to the ground rent at Eighth and Mulberry Streets 56	

	PAGE.
Magellanic Premium surplus fund	
publication fund	. 563
Magic circles	. 654
square	
Magnet constructed by Franklin Peale	. 545
Magnetic needle, invention of	. 29
variation of	148, 598
observations of, requested	. 70
tide	. 655
globe	. 165
dip,	. 660
Magnetic observations to be collected	. 605
Magnetism	655, 671
terrestrial	
diurnal variation of	
of steel bars, new process	
Magneto-electric apparatus by Saxton	
Magotty bean	
Malaxis correana	
Mammiferous, animals of North America.	
Mammoth, bones of the, found in Virginia	
offered the Society	
paper on	
tooth exhibited	
goes to Europe	
jaw bone presented	
casts of the, to be given to Academy Natural Sciences	
drawing of the	
Mammoth cave	
Manheim, Lancaster county, Pa	
Manilla, account of	
Manner of electing officers	
Manning, Jas., letter from	
Mansfield, paper by	. 461
Manufactured copper found in a mound in Ohio	. 383
Manufacture of sheet caoutchouc	. 383 . 598
Manufacture of sheet caoutchouc	. 383 . 598 . 78, 79
Manufacture of sheet caoutchouc	. 383 . 598 . 78, 79 . 150
Manufacture of sheet caoutchouc	. 383 . 598 . 78, 79 . 150 . 358
Manufacture of sheet caoutchouc	. 383 . 598 . 78, 79 . 150 . 358
Manufacture of sheet caoutchouc	. 383 . 598 . 78, 79 . 150 . 358 n
Manufacture of sheet caoutchouc	. 383 . 598 . 78, 79 . 150 . 358 in . 625 . 510
Manufacture of sheet caoutchoue	. 383 . 598 . 78, 79 . 150 . 358 . 625 . 510 . 530
Manufacture of sheet caoutchouc	. 383 . 598 . 78, 79 . 150 . 358 n . 625 . 510 . 530
Manufacture of sheet caoutchouc. Manufactory of paper to be established. of white glass near Albany. Manure, plaster of Paris as. MS. articles between John Fitch et al., for a company for steam propulsion presented. description of new Sweden presented. journal of Michaux presented. of La Harpe considered upon yocabulary of the Darien natives.	. 383 . 598 . 78, 79 . 150 . 358 n . 625 . 510 . 530 . 533
Manufacture of sheet caoutchouc. Manufactory of paper to be established. of white glass near Albany. Manure, plaster of Paris as. MS. articles between John Fitch et al., for a company for steam propulsion presented. description of new Sweden presented. journal of Michaux presented. of La Harpe considered upon vocabulary of the Darien natives. calculation of solar eclipse, 1778.	. 383 . 598 . 78, 79 . 150 . 358 n . 625 . 510 . 530 . 533 . 530
Manufacture of sheet caoutchouc. Manufactory of paper to be established. of white glass near Albany. Manure, plaster of Paris as. MS. articles between John Fitch et al., for a company for steam propulsion presented. description of new Sweden presented. journal of Michaux presented. of La Harpe considered upon vocabulary of the Darien natives. calculation of solar eclipse, 1778. Descriptio uberior graminum presented.	. 383 . 598 . 78, 79 . 150 . 358 n . 625 . 510 . 530 . 533 . 530 . 649
Manufacture of sheet caoutchouc. Manufactory of paper to be established. of white glass near Albany. Manure, plaster of Paris as. MS. articles between John Fitch et al., for a company for steam propulsion presented. description of new Sweden presented. journal of Michaux presented. of La Harpe considered upon vocabulary of the Darien natives. calculation of solar eclipse, 1778. Descriptio uberior graminum presented. journal of Wm. Dunbar.	. 383 . 598 . 78, 79 . 150 . 358 n . 625 . 510 . 530 . 533 . 533 . 649 . 620 . 472
Manufacture of sheet caoutchouc. Manufactory of paper to be established. of white glass near Albany. Manure, plaster of Paris as. MS. articles between John Fitch et al., for a company for steam propulsion presented. description of new Sweden presented. journal of Michaux presented. of La Harpe considered upon vocabulary of the Darien natives. calculation of solar eclipse, 1778. Descriptio uberior graminum presented.	. 383 . 598 . 78, 79 . 150 . 358 n . 625 . 510 . 530 . 533 . 533 . 649 . 620 . 472
Manufacture of sheet caoutchouc. Manufactory of paper to be established. of white glass near Albany. Manure, plaster of Paris as. MS. articles between John Fitch et al., for a company for steam propulsion presented. description of new Sweden presented. journal of Michaux presented. of La Harpe considered upon. vocabulary of the Darien natives. calculation of solar eclipse, 1778. Descriptio uberior graminum presented. journal of Wm. Dunbar. of Lewis and Clarke. MSS. purchased.	. 383 . 598 . 78, 79 . 150 . 358 . 530 . 530 . 530 . 649 . 622 . 475 . 475
Manufacture of sheet caoutchouc. Manufactory of paper to be established. of white glass near Albany. Manure, plaster of Paris as. MS. articles between John Fitch et al., for a company for steam propulsion presented. description of new Sweden presented. journal of Michaux presented. of La Harpe considered upon vocabulary of the Darien natives. calculation of solar eclipse, 1778. Descriptio uberior graminum presented. journal of Wm. Dunbar. of Lewis and Clarke. MSS. purchased. maps of Cuba, &c.	. 383 . 598 . 78, 759 . 150 . 358 n . 625 . 510 . 530 . 530 . 649 . 620 . 472 . 472 . 475 . 335 . 677
Manufacture of sheet caoutchouc. Manufactory of paper to be established. of white glass near Albany. Manure, plaster of Paris as. MS. articles between John Fitch et al., for a company for steam propulsion presented. description of new Sweden presented. Journal of Michaux presented. of La Harpe considered upon vocabulary of the Darien natives. calculation of solar eclipse, 1778. Descriptio uberior graminum presented. journal of Wm. Dunbar. of Lewis and Clarke. MSS. purchased. maps of Cuba, &c. correspondence of General Greene presented.	. 383 . 598 . 78, 79 . 150 . 150 . 538 n . 625 . 510 . 530 . 530 . 649 . 620 . 472 . 475 . 335 . 335
Manufacture of sheet caoutchouc. Manufactory of paper to be established. of white glass near Albany. Manure, plaster of Paris as. MS. articles between John Fitch et al., for a company for steam propulsion presented. description of new Sweden presented. journal of Michaux presented. of La Harpe considered upon vocabulary of the Darien natives. calculation of solar eclipse, 1778. Descriptio uberior graminum presented. journal of Wm. Dunbar. of Lewis and Clarke. MSS. purchased. maps of Cuba, &c.	. 383 . 598 . 78, 79 . 150 . 150 . 538 n . 625 . 510 . 530 . 530 . 649 . 620 . 472 . 475 . 335 . 335
Manufacture of sheet caoutchouc. Manufactory of paper to be established. of white glass near Albany. Manure, plaster of Paris as. MS. articles between John Fitch et al., for a company for steam propulsion presented. description of new Sweden presented. journal of Michaux presented. of La Harpe considered upon. vocabulary of the Darien natives. calculation of solar eclipse, 1778. Descriptio uberior graminum presented. journal of Wm. Dunbar. of Lewis and Clarke. MSS. purchased. maps of Cuba, &c. correspondence of General Greene presented. of Arthur Lee presented. owned by the Society to be examined.	. 383 . 598 . 78, 79 . 150 . 358 n . 625 . 510 . 530 . 533 . 530 . 649 . 620 . 472 . 475 . 475 . 677 . 493 . 640
Manufacture of sheet caoutchouc. Manufactory of paper to be established. of white glass near Albany. Manure, plaster of Paris as. MS. articles between John Fitch et al., for a company for steam propulsion presented. description of new Sweden presented. journal of Michaux presented. of La Harpe considered upon. vocabulary of the Darien natives. calculation of solar eclipse, 1778. Descriptio uberior graminum presented. journal of Wm. Dunbar. of Lewis and Clarke. MSS. purchased. maps of Cuba, &c. correspondence of General Greene presented. of Arthur Lee presented. owned by the Society to be examined.	. 383 . 598 . 78, 79 . 150 . 358 n . 625 . 510 . 530 . 533 . 530 . 649 . 620 . 472 . 475 . 475 . 677 . 493 . 640
Manufacture of sheet caoutchouc. Manufactory of paper to be established. of white glass near Albany. Manure, plaster of Paris as. MS. articles between John Fitch et al., for a company for steam propulsion presented. description of new Sweden presented. journal of Michaux presented. of La Harpe considered upon. vocabulary of the Darien natives. calculation of solar eclipse, 1778. Description uberior graminum presented. journal of Wm. Dunbar. of Lewis and Clarke. MSS. purchased. maps of Cuba, &c. correspondence of General Greene presented. of Arthur Lee presented.	. 383 . 598 . 78, 79 . 150 . 358 n . 625 . 510 . 530 . 533 . 530 . 649 . 649 . 620 . 472 . 475 . 335 . 637 . 493 . 562 . 562 . 97

r.	AUD.
Map of Chester river, Florida	80
Fisher's, to be engraved	59
of Pennsylvania, by Howell	212
of the territory of New Orleans presented	396
of Pennsylvania (1746) by Lewis Evans	628
of Switzerland presented	395
Maple sugar, paper on, to be published	196
Marbois, death of	700
Marine excrescence	287
chevaux-de-frize	158
Mariner's compass, an improvement on, by B. Romans	82
Marle	
from Wilmington	79
to be advertised for	80
Marratt, W., paper by	698
Marsden, Wm., death of	
Marshall's paper on solar maculæ	69
reported on	70
Marshall, Jno, engraving of presented	622
death of	673
obituary sketch of	700
eulogium on by Binney	675
Marshall's MSS. circuit court decisions presented	702
Marshes, to dry up	227
unwholesomeness of	234
machine for draining	126
experiments on, by Seybert	276
Marsupial gestation	362
Martigny, letter from	545
Martin's portrait of Franklin	
cancer powder	141
Martinez presents chart of coasts of Cuba	629
Martini, letter from	616
	112
Maryland weather, paper on	56
Maskelyne's observations	554
Mason and Dixon's line	
Masons cannot occupy the Society's Hall	164
Mastodon	616
bone, casts made of	1,651
sent away	639
used by Dr. Hays	621
Mathematical magick donated	403
Matlack, T., letter from	491
oration by, to be printed	109
paper by on the growth of trees	109
paper by	193
describes a bone found at Woodbury	154
paper on a thunder storm	113
delivers up Vol. of autographs	121
removes to New York State	121
reads an account of an open stove	426
death of	
Matthews, T. J., paper by	577
	584
Maxillæ in Coleoptera	706
Maxwell, T., paper by	86
Mazzei, Philip, letter from	507
Meade Dr. W., requests a room for his minerals	907

PAGE.
Meade, Dr. W., request refused
resigns
Mean of January, 1780, and January, 1781
Means of finding longitude
Mease, Dr., offers minerals to the Society
deposits early map of Pennsylvania
deposits a syren
presents print of Sir Isaac Newton 514
on the capture of the ship General Monk 545
deposits maps
copies the account of the Oaxaca cypress tree
paper by
on silk worms
presents Peruvian minerals 622
Measurement of the Blue Mountain
of Catharine Hill
of an elephant
Mechanical prize essays
Mechanisms of nature, essay on
Medal to Dr. Collin
•
of Georges presented
(iron) of Franklin presented
of Louis XV presented
of Louis XVI presented
awarded to Dr. Jas. Ewing
of the Erie canal presented
presented by Mr. Nagy
of M. Boulton presented
ruling presented
Medals, box of presented
American, presented
Medical papers from Dr. Gashlier
Medical Committee
uses of apocymum
Medical Society of New Haven desires exchanges
Medicine, antiseptic, paper on
Medicines from South America presented
Meetings, proceedings of to be published in the newspapers 44, 109, 118, 162,
219, 353
Meeting room to be looked for
in the University
to hear Dr. Bond's oration
first, in the new building
first regular, of the Society in its new Hall
at Mr. Byrnes
to be held on first Friday, January
card to be prepared
at the Indian Queen
at the State House
at the College
Meetings to be held in Carpenter's Hall
when to be held
not held during veilow fever of 1793

PAGE.
Meetings of the Society discontinued
at Franklin's house
interrupted by the Revolution
to be renewed
renewed
to be postponed
by law as to
error in date of
of the Society can no longer be published gratis
of the Society 7. 8. 9. 11. 12. 14. 17. 18. 19. 20. 23. 24. 25. 30. 31. 32. 33. 35. 36. 38. 39.
41, 42, 43, 44, 45, 46, 47, 48, 50, 51, 52, 53, 54, 55, 56, 57, 59, 60, 61, 62, 61, 65, 66, 67, 68,
69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 94, 95,
96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116,
117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136,
137, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159,
160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179,
180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199,
200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 210, 218, 219, 210, 218, 219, 210, 218, 219, 210, 218, 219, 210, 218, 219, 210, 218, 218, 218, 218, 218, 218, 218, 218
220, 241, 222, 223, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240,
241, 242, 243, 244, 245, 246, 247, 248, 249, 251, 252, 253, 254, 255, 256, 257, 258, 260, 261, 262,
263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282,
283, 244, 285, 286, 288, 289, 290, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306
307, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327,
328, 329, 330, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 346, 347, 348, 348, 348, 348, 348, 348, 348, 348
349, 350, 351, 357, 358, 359, 360, 361, 362, 363, 365, 368, 369, 370, 371, 372, 373, 375, 376, 377,
378, 379, 380, 311, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397,
398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417,
418, 419, 420, 421, 422, 423, 421, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437,
488, 489, 440, 441, 442, 448, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 450, 451, 452, 458, 451, 452, 458, 457, 458, 457, 458, 457, 458, 458, 458, 458, 458, 458, 458, 458
458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477,
478, 479, 480, 481, 482, 483, 481, 485, 486, 487, 488, 489, 490, 491, 492, 493, 424, 495, 496, 497,
498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517,
518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 550, 551, 552, 553, 554, 555, 556, 557, 558,
538, 539, 540, 541, 542, 543, 544, 546, 547, 546, 507, 546, 507, 578, 574, 576, 577, 578, 579, 580, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 571, 572, 573, 574, 576, 577, 578, 579, 580,
581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600,
601, 602, 603, 604, 605, 606, 608, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624,
625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637 638, 639, 640, 641, 642, 643, 645,
625, 626, 627, 028, 020, 031, 032, 033, 031, 033, 030, 031, 033, 034, 035, 036, 036, 036, 036, 036, 036, 036, 036
672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691,
692, 693, 695, 697, 698, 699, 701, 702, 703, 704, 705, 707, 708, 709, 710, 711
Megalonix bones to be reproduced by Dr. DeKay
casts of, presented
Megaspera
Megatherium claw exhibited
found in New Jersey
Megistosaurus ensiformis
Meigs, Dr., resigns from the office of Secretary
paper by
replaces the umbilical cord 629
Moire Togich namer by 505
Members elected, 1, 3, 4, 5, 6, 7, 8, 9, 12, 13, 14, 17, 19, 20, 85, 48, 61, 72, 75, 86, 95, 102, 110,
116 121 129 143 147 152 168 172 179 188 193 195 198 201 207 212 215 220 220 220
238 239 240 243 246 256 261 266 270 283 294 299 308 311 320 326 332 337 343 351,
359, 370, 373, 377, 382, 385, 390, 393, 396, 400, 403, 407, 413, 415, 423, 426, 432, 436, 439, 442,
443, 445, 454, 457, 460, 466, 469, 470, 473, 474, 477, 481, 485, 487, 490, 492, 494, 496, 499, 502,
503 508 511 514 517 519 520 522 525 529 531 536 539 542 544 545 550 553 558 562
566, 568, 570, 576, 580, 582, 585, 589, 592, 594, 596, 599, 601, 603, 613, 616, 618, 620, 623, 625,
626, 630, 632, 638, 640, 660, 663, 674, 680, 685, 693, 702, 704, 708

PA	GE.
Members, additional agreed on	7
election of, postponed	
election of, law regulating	25
to pay \$4 annually	137
to pay a fee of \$10	136
exempted from fees	172
payments to be made by	468
to be published	59
to sign the Constitution, &c	108
to sign the book	218
requested to attend the meetings	219
to be notified of meetings	219
not to be notified if absent one year from meeting	219
to be punctual in attendance	225
to be fined for absence	217
resident, permitted to take out books	325
present at meetings to be noted	357
	356
not allowed to take out books	203
to pay from 1783	187
	356
fixed at \$5	468
non-resident, not obliged to pay admission fee	386
list of to be prepared	
classification of proposed	
to be limited in number	440
rejected	454
accepted	651
to have written some work	460
to be proposed in writing	460
to be elected quarterly	
list of	
	563
in arrears to be reported	
	646
Membership, certificate of, to be engraved	
form of agreed upon	
to be drafted	
to be printed	
	188
qualification for	
	122
	362
	253
	276
	232
	626
Memorial	
	153
to the Legislature	572
	575
to Congress for free books	
	562
Merchants, address to the, in support of the Chesapeake and Delaware	
canal project	34
committee, report of	36
thanked	36

PAGE.
Merchants pay £40 towards the Chesapeake and Delaware canal survey 45
subscriptions to be collected
to see all the canal papers
Mercury, transit of
Meridian mark, a new method of fixing
of Philadelphia to be fixed
Merrick to prepare sketch of Ben Vaughan 674
Mesmer's discovery
Mesmerism, report of French Commissioners on
Messenger appointed
Metallic iron, pure
Metals, fusing temperature of
heat-conducting power of
Metal balloons
Meteor
of May 12, 1836
Meteorological observations by Coombe
by Dunbar
by Richard Ecroyd
by J. Emslie, Jr
by Heckewelder
by Jefferson
by Le Gaux
by Madison
at Muskingum
at Natchez
at Nazareth
by Pemberton
0, 2022
of Thos. Prior
of Surgound
by lieuv.
by Turner
by Wilkinson
by Williams
by D. Wilson
in the possession of the Society to be abstracted for publication, 371, 389, 418, 514
gonorar raises to be amount of the rest of
Meteorological Register
Meteoric stones fallen at Weston, N. H
do not fall from the moon
origin of
display of November, 1833
Meteorological observations
on the Yellowstone river
"Metre" exhibited
Meterological observation to be made in the United States, 305, 308, 675, 702, 704, 705
Meteorological imaginations
Meteorology in the United States
Method of multiplying leeches
Methods of bathing in Sweden
Mexican antiquities, work on
presented
catalogued
loaned Mr. Franck
demonstrad by Charles Pagley 705

PAGE.
Mexican calendar stones presented
cloth presented
gold idols purchased 705
gold ornaments presented 601
languages
MSS. given by Poinsett
medals presented
monuments presented
minerals presented
paintings exhibited
Meyer, Prof., treatise by
donation from
astronomical paper by
reported on
method of mapping Russia
letter to
medal of
Michaux, Andre, subscription for
patronized by the Society
instructions for
desires to explore the Western country
to receive \$400
plan of, a failure
expedition of
funds for, to be got from Rittenhouse's executors
report on those funds
funds for
letter from
MS journal of, presented
Michaux's Flora Americana taken by the Society
Michilimackinac, meteorological observations at
trade at
Microscope loaned
Mifflin, Jno. F., thermometrical observations by
Military man of Dhiladalphia denogited
Military map of Philadelphia deposited
Mill, to drive by a bellows
Miller, Peter, description of the Grotto of Sweetara
letter from
Miller permitted to take a plaster cast from the bust of Franklin 446
Minerals from Cornwall, N. Y
from Elba
from Naples
from Ireland
offered by Dr. Mease
duplicates to be exchanged
presented by Capt. M. Lewis
examined by Vaughan and Seybert
arranged by Seybert
from Ascension Island
from Ava
from Mexico
found near Quebec
bequeathed by T. P. Smith
by Dr. Woodhouse
&c., in Cabinet not to be described or published except in the So-
ciety's Transactions

PAGE
Minerals from the Delaware and Chesapeake canal 582
from Perkiomen 612
from Peru
to be put in cases
a list of to be made
lectures on, given by Godon
Mineral waters, observations by Dr. Rush on
Mineralogy, lectures on, given by Godon
Mines d'Orient presented
Mining, art of
Minute book of the American Philosophical Society from January, 1768 3
before 1769 presented
new, ordered
Minutes, original, of the A.P.S
volume two of the, 1769-1774
to be revised
omitted
interrupted
hiatus in
first Vol. returned by Owen Biddle
second Volume of, delivered up by Paschall
repeated
written by A. D. Bache 661
Mirton, uses of
Mississippi river to be reconnoitered
draft of the
valley, sandstone formation of the
Mitchell, Dr., paper on ice islands returned at his request
Mitchell, S. L., paper by
Missouri, meteorological observations on the
Mithridate bought
Mocking bird, anatomy of the
paper on
Model of machine for swingling flax
for machine for working scythes
of a machine for weighing loaded wagons deposited by County Com-
missioners
of mowing machine referred to Committee
of a machine for dredging docks
of a wind carriage
of a wind carriage
of a wind carriage 129 of a wind-mill 39 of a bridge 80, 146, 481
of a wind carriage 129 of a wind-mill 39 of a bridge 80, 146, 481 of machine for cleaning wells of fixed air 146
of a wind carriage 129 of a wind-mill 39 of a bridge 80, 146, 481 of machine for cleaning wells of fixed air 146 of improved steamboat boiler 159
of a wind carriage 129 of a wind-mill 39 of a bridge 80, 146, 481 of machine for cleaning wells of fixed air 146 of improved steamboat boiler 159 of a pile driving machine, by Ludwig C. Kuhn 184
of a wind carriage 129 of a wind-mill 39 of a bridge 80, 146, 481 of machine for cleaning wells of fixed air 146 of improved steamboat boiler 159 of a pile driving machine, by Ludwig C. Kuhn 184 of a sick bed. 184
of a wind carriage 129 of a wind-mill 39 of a bridge 80, 146, 481 of machine for cleaning wells of fixed air 146 of improved steamboat boiler 159 of a pile driving machine, by Ludwig C. Kuhn 184
of a wind carriage 129 of a wind-mill 39 of a bridge 80, 146, 481 of machine for cleaning wells of fixed air 146 of improved steamboat boiler 159 of a pile driving machine, by Ludwig C. Kuhn 184 of a sick bed 184 of John Fitch's steamboat exhibited 133, 135 of a fire escape 198
of a wind carriage 129 of a wind-mill 39 of a bridge 80, 146, 481 of machine for cleaning wells of fixed air 146 of improved steamboat boiler 159 of a pile driving machine, by Ludwig C. Kuhn 184 of a sick bed 184 of John Fitch's steamboat exhibited 133, 135 of a fire escape 198 of a ship's pump 239
of a wind carriage 129 of a wind-mill 39 of a bridge 80, 146, 481 of machine for cleaning wells of fixed air 146 of improved steamboat boiler 159 of a pile driving machine, by Ludwig C. Kuhn 184 of a sick bed 184 of John Fitch's steamboat exhibited 133, 135 of a fire escape 198 of a ship's pump 239 of a new lamp 259
of a wind carriage 129 of a wind-mill 39 of a bridge 80, 146, 481 of machine for cleaning wells of fixed air 146 of improved steamboat boiler 159 of a pile driving machine, by Ludwig C. Kuhn 184 of a sick bed 184 of John Fitch's steamboat exhibited 133, 135 of a fire escape 198 of a ship's pump 239 of a new lamp 259 of a life buoy 370
of a wind carriage 129 of a wind-mill 39 of a bridge 80, 146, 481 of machine for cleaning wells of fixed air 146 of improved steamboat boiler 159 of a pile driving machine, by Ludwig C. Kuhn 184 of a sick bed 184 of John Fitch's steamboat exhibited 133, 135 of a fire escape 198 of a ship's pump 239 of a new lamp 259 of a life buoy 370 of a machine for spreading gypsum 393
of a wind carriage 129 of a wind-mill 39 of a bridge 80, 146, 481 of machine for cleaning wells of fixed air 146 of improved steamboat boiler 159 of a pile driving machine, by Ludwig C. Kuhn 184 of a sick bed 184 of John Fitch's steamboat exhibited 133, 135 of a fire escape 198 of a ship's pump 239 of a new lamp 259 of a life buoy 370 of a machine for spreading gypsum 393 of Mt. Blanc 380
of a wind carriage 129 of a wind-mill 39 of a bridge 80, 146, 481 of machine for cleaning wells of fixed air 146 of improved steamboat boiler 159 of a pile driving machine, by Ludwig C. Kuhn 184 of a sick bed 184 of John Fitch's steamboat exhibited 133, 135 of a fire escape 198 of a ship's pump 239 of a new lamp 259 of a life buoy 370 of a machine for spreading gypsum 393 of Mt. Blanc 380 of a silk reel 172
of a wind carriage 129 of a wind-mill 39 of a bridge 80, 146, 481 of machine for cleaning wells of fixed air 146 of improved steamboat boiler 159 of a pile driving machine, by Ludwig C. Kuhn 184 of a sick bed 184 of John Fitch's steamboat exhibited 133, 135 of a fire escape 198 of a ship's pump 239 of a new lamp 259 of a life buoy 370 of a machine for spreading gypsum 393 of Mt. Blanc 380 of a silk reel 172 to prevent leaky roofs 371
of a wind carriage 129 of a wind-mill 39 of a bridge 80, 146, 481 of machine for cleaning wells of fixed air 146 of improved steamboat boiler 159 of a pile driving machine, by Ludwig C. Kuhn 184 of a sick bed 184 of John Fitch's steamboat exhibited 133, 135 of a fire escape 198 of a ship's pump 239 of a new lamp 259 of a life buoy 370 of a machine for spreading gypsum 393 of Mt. Blanc 380 of a silk reel 172

Model of a torpedo boat	PA	GE. 452
of a new flue for chimneys		494
Models of crystals purchased		472
presented		387
"Modestus," withdraws his essay		264
Mog'rib-el-aksa		585
Monde Primitive presented		118
Money voted by the Assembly for transit of Venus observations		19
how to be disposed of	• •	28
paid for the observatory		38
granted by the Assembly	•	123
to be refunded to Aitken		152
to be loaned the Society by Franklin		155
demanded by Hopkinson	. 173,	
subscribed for the building to be collected		175
to be borrowed	. 209,	
to be given to Michaux	• •	216 502
appropriated for journals	• •	502
for building, &c	• •	362
Monk's pyrometer	• •	434
Montgomery, Dr. Alex., letter on an earthquake at Frankfort, Ky "Monuments of Frank "subscribed to	• •	677
"Monuments of Egypt," subscribed to	608	
Moon, motion of the		561
longitude of the	110,	420
theory of the	• •	500
parallax of the	489	
effect of on the atmosphere	. 100,	670
Moorestown, fossil discovered at	•	597
Moorish language		585
Morandini, letter from	•	593
Morbus coxarius		606
More, Sam., letter from		72
Morelli, paper of, not accepted		664
thanked		668
Morgan, Geo., letter of		205
papers by	, 123,	142
Morgan, Jno., thanked		325
Morinière, letter from		441
Morocco, the empire of		503
Morris, Richard Hill, gives \$10		318
thanked		318
Morrison on the dark day		141
Mortality of Philadelphia	•	674
Mortar mixed with salt		153
Mortgage to be executed for Hopkinson's lot	•	123
Mortification of the uterus, paper on	•	85
Morveau, Guyton, disinfecting apparatus	•	378
Mososaurus	•	647
Moss, Jas., a white negro	•	272
Moss, used for dyeing purple	. 79	, 97
Motion of oil and water, paper on	•	155
of comets, theory of	•	43
of a body	•	574 483
of the pendulum	•	271
Mould, board of least resistance	•	578
		.,,,

PAGE.
Mount Blanc, model of
Mower, Dr., paper by
Mowing machine, referred to Committee
Mugford, Capt. invents a rudder
receives a prize
desires a medal
Mühlenberg, H., paper by, on Lancaster county flora 241
donation from
herbarium bought for \$500 and presented to the Society 478
MS. by, presented
Mulhorn's request for the return of his paper granted
Munter, Bishop, death of
Murray, N., paper by
Murray, Fairman & Co., present a set of Rees' Cyclopedia 508
Museo Borbonico presented
Museum Britannicum, preparing for the press
Muscipula, vegetable
Museum, Peale's, desires to rent the Society's Hall
lease to, to be executed
Peale's, removed to the State House
of the Society proposed to be rearranged 647
not to be altered
Music, Indian
notation of
Muskingum, meteorological observations at
Mussel shoals, Tenn 322
Mussey, Capt., letter from
• • • • • • • • • • • • • • • • • • • •
N.
· -
Nagy, letter from
Nagy, letter from 680 Naides 590, 625, 647, 681, 688
Naides
Naïdes. 590, 625, 647, 681, 688 Nairne, rain gauges of 66 thanked. 68
Naïdes. 590, 625, 647, 681, 688 Nairne, rain gauges of 66 thanked. 68 hygrometers of. 162
Naïdes. 590, 625, 647, 681, 688 Nairne, rain gauges of 66 thanked 68 hygrometers of 162 Name, new, for the united societies 21
Naides. 590, 625, 647, 681, 688 Nairne, rain gauges of 66 thanked 68 hygrometers of 162 Name, new, for the united societies 21 Nancarrow, Dr., paper on water power 249
Naides. 590, 625, 647, 681, 688 Nairne, rain gauges of. 66 thanked. 68 hygrometers of. 162 Name, new, for the united societies 21 Nancarrow, Dr., paper on water power 249 Napier, portrait of presented 232
Naides. 590, 625, 647, 681, 688 Nairne, rain gauges of. 66 thanked. 68 hygrometers of. 162 Name, new, for the united societies. 21 Nancarrow, Dr., paper on water power 249 Napier, portrait of presented 232 Narragansett bay, inscriptions in 184
Naïdes. 590, 625, 647, 681, 688 Nairne, rain gauges of 66 thanked 68 hygrometers of 162 Name, new, for the united societies 21 Nancarrow, Dr., paper on water power 249 Napier, portrait of presented 232 Narragansett bay, inscriptions in 184 Nassey, Dr., paper by 218
Naides. 590, 625, 647, 681, 688 Nairne, rain gauges of 66 thanked 68 hygrometers of 162 Name, new, for the united societies 21 Nancarrow, Dr., paper on water power 249 Napier, portrait of presented 232 Narragansett bay, inscriptions in 184 Nassey, Dr., paper by 218 to be translated 220
Naides. 590, 625, 647, 681, 688 Nairne, rain gauges of . 66 thanked . 68 hygrometers of . 162 Name, new, for the united societies . 21 Nancarrow, Dr., paper on water power . 249 Napier, portrait of presented . 232 Narragansett bay, inscriptions in . 184 Nassey, Dr., paper by . 218 to be translated . 220 returns to Surinam . 232
Naides. 590, 625, 647, 681, 688 Nairne, rain gauges of. 66 thanked. 68 hygrometers of. 162 Name, new, for the united societies 21 Nancarrow, Dr., paper on water power 249 Napier, portrait of presented 232 Narragansett bay, inscriptions in 184 Nassey, Dr., paper by. 218 to be translated. 220 returns to Surinam. 232 thanked. 285
Naides. 590, 625, 647, 681, 688 Nairne, rain gauges of. 66 thanked. 68 hygrometers of. 162 Name, new, for the united societies. 21 Nancarrow, Dr., paper on water power 249 Napier, portrait of presented. 232 Narragansett bay, inscriptions in. 184 Nassey, Dr., paper by. 218 to be translated. 220 returns to Surinam. 232 thanked. 285 Natchez, latitude and longitude of. 273
Naïdes. 590, 625, 647, 681, 688 Nairne, rain gauges of 66 thanked 68 hygrometers of 162 Name, new, for the united societies 21 Nancarrow, Dr., paper on water power 249 Napier, portrait of presented 232 Narragansett bay, inscriptions in 184 Nassey, Dr., paper by 218 to be translated 220 returns to Surinam 232 thanked 282 Natchez, latitude and longitude of 273 Natural Bridge in Virginia 461
Naides. 590, 625, 647, 681, 688 Nairne, rain gauges of 66 thanked 68 hygrometers of 162 Name, new, for the united societies 21 Nancarrow, Dr., paper on water power 249 Napier, portrait of presented 232 Narragansett bay, inscriptions in 184 Nassey, Dr., paper by 218 to be translated 220 returns to Surinam 232 thanked 285 Natchez, latitude and longitude of 273 Natural Bridge in Virginia 461 Natural history of the North American Indians 280
Naides. 590, 625, 647, 681, 688 Nairne, rain gauges of. 66 thanked. 68 hygrometers of. 162 Name, new, for the united societies 21 Nancarrow, Dr., paper on water power 249 Napier, portrait of presented 232 Narragansett bay, inscriptions in 184 Nassey, Dr., paper by. 218 to be translated. 220 returns to Surinam. 232 thanked. 285 Natural Bridge in Virginia. 461 Natural history of the North American Indians 280 of medicine among the N. A. Indians 87
Naides. 590, 625, 647, 681, 688 Nairne, rain gauges of. 66 thanked. 68 hygrometers of. 162 Name, new, for the united societies 21 Nancarrow, Dr., paper on water power 249 Napier, portrait of presented 232 Narragansett bay, inscriptions in 184 Nassey, Dr., paper by. 218 to be translated. 220 returns to Surinam. 232 thanked. 285 Natchez, latitude and longitude of. 273 Natural Bridge in Virginia 461 Natural history of the North American Indians 280 of medicine among the N. A. Indians 87 of San Domingo 233
Naïdes. 590, 625, 647, 681, 688 Nairne, rain gauges of 66 thanked 68 hygrometers of 162 Name, new, for the united societies 21 Nancarrow, Dr., paper on water power 249 Napier, portrait of presented 232 Narragansett bay, inscriptions in 184 Nassey, Dr., paper by 218 to be translated 220 returns to Surinam 232 thanked 232 Natchez, latitude and longitude of 273 Natural Bridge in Virginia 461 Natural history of the North American Indians 280 of medicine among the N. A. Indians 37 of San Domingo 233 of the Hessian fly 193
Naides. 590, 625, 647, 681, 688 Nairne, rain gauges of 66 thanked 68 hygrometers of 162 Name, new, for the united societies 21 Nancarrow, Dr., paper on water power 249 Napier, portrait of presented 232 Narragansett bay, inscriptions in 184 Nassey, Dr., paper by 218 to be translated 220 returns to Surinam 232 thanked 235 Natchez, latitude and longitude of 273 Natural Bridge in Virginia 461 Natural history of the North American Indians 280 of medicine among the N. A. Indians 37 of san Domingo 233 of the Hessian fly 139 of Florida 20
Naides. 590, 625, 647, 681, 688 Nairne, rain gauges of 66 thanked 68 hygrometers of 162 Name, new, for the united societies 21 Nancarrow, Dr., paper on water power 249 Napier, portrait of presented 232 Narragansett bay, inscriptions in 184 Nassey, Dr., paper by 218 to be translated 220 returns to Surinam 232 thanked 285 Natchez, latitude and longitude of 273 Natural Bridge in Virginia 461 Natural history of the North American Indians 280 of medicine among the N. A. Indians 87 of San Domingo 233 of the Hessian fly 193 of Florida 20 of Tennessee 411
Naides. 590, 625, 647, 681, 688 Nairne, rain gauges of. 66 thanked. 68 hygrometers of. 162 Name, new, for the united societies. 21 Nancarrow, Dr., paper on water power. 249 Napier, portrait of presented. 232 Narragansett bay, inscriptions in. 184 Nassey, Dr., paper by. 218 to be translated. 220 returns to Surinam. 232 thanked. 285 Natchez, latitude and longitude of. 273 Natural Bridge in Virginia. 461 Natural history of the North American Indians. 280 of medicine among the N. A. Indians. 87 of San Domingo. 233 of the Hessian fly. 198 of Tennessee. 411 subjects of, presented. 80
Naïdes. 590, 625, 647, 681, 688 Nairne, rain gauges of 66 thanked 68 hygrometers of 162 Name, new, for the united societies 21 Nancarrow, Dr., paper on water power 249 Napier, portrait of presented 232 Narragansett bay, inscriptions in 184 Nassey, Dr., paper by 218 to be translated 220 returns to Surinam 232 thanked 232 Natchez, latitude and longitude of 273 Natural Bridge in Virginia 461 Natural history of the North American Indians 280 of medicine among the N. A. Indians 37 of San Domingo 233 of the Hessian fly 193 of Florida 20 of Tennessee 411 subjects of, presented 80 what the words, mean in the Magellanic Premium 381
Naides. 590, 625, 647, 681, 688 Nairne, rain gauges of. 66 thanked. 68 hygrometers of. 162 Name, new, for the united societies. 21 Nancarrow, Dr., paper on water power. 249 Napier, portrait of presented. 232 Narragansett bay, inscriptions in. 184 Nassey, Dr., paper by. 218 to be translated. 220 returns to Surinam. 232 thanked. 285 Natchez, latitude and longitude of. 273 Natural Bridge in Virginia. 461 Natural history of the North American Indians. 280 of medicine among the N. A. Indians. 87 of San Domingo. 233 of the Hessian fly. 198 of Tennessee. 411 subjects of, presented. 80

	10	UB.
Nautical almanacs presented		376
chart, new		399
receives extra Magellanic Premium		400
to be published		402
"Nauticus"	. 414	, 415
Nautilus, or ferry boat		
Navigation of rivers, to improve		500
inland of Pennsylvania		65
of the Susquehanna	• •	53
improvements in	• •	364 649
Naxera, Emanuel, presents Mexican medals	• •	669
paper by	• •	151
Necrological notices inquired into	• •	619
to be prepared	• •	643
origin of		109
Needle, variation of		628
disturbed by an aurora		641
magnetic, invented by Lukens		659
Negro becomes white	. 197	
Dr. Rush on the color of the		260
spotted		142
Negroslavery		338
Nervous matter, the irritability, &c., of		447
Neufville, Hyde de, letter from		593
Nevel's bill paid		64
New air pump offered for the Magellanic Premium		522
does not receive premium		528
	• •	
New Brunswick, tornado at	4. 684	
New Brunswick, tornado at	1, 684 • •	29
New Brunswick, tornado at	1, 684 0, 411	29 , 442
New Brunswick, tornado at	4, 684 0, 441 	29 , 442 82
New Brunswick, tornado at	4, 684 • • 0, 441 • •	29 , 442 82 453
New Brunswick, tornado at	1, 684 0, 441 	29 , 442 82 453 456
New Brunswick, tornado at	1, 684 0, 411 	29 , 442 82 453 450 494
New Brunswick, tornado at. 67 New business not to be taken up by Committees 44 Ey-Laws proposed 44 ceded countries, chart of, to be compared with Gauld's 60 Committee to be added to the six fundamental ones 60 donation book ordered 61 flue for chimneys 7 Hall, Society resolves to meet in 67	4, 684 0, 441 	29 , 442 82 453 456 494 174
New Brunswick, tornado at. 67 New business not to be taken up by Committees 44 Ey-Laws proposed 64 ceded countries, chart of, to be compared with Gauld's 64 Committee to be added to the six fundamental ones 64 donation book ordered 64 flue for chimneys 64 Hall, Society resolves to meet in 67 first meeting in 67	4, 684 0, 441 	29 , 442 82 453 450 494 174
New Brunswick, tornado at. 67 New business not to be taken up by Committees . 44 Ey-Laws proposed . 44 ceded countries, chart of, to be compared with Gauld's . Committee to be added to the six fundamental ones . donation book ordered . flue for chimneys . Hall, Society resolves to meet in . first meeting in . lamp, model of, exhibited .	4, 684 0, 441 	29 , 442 82 453 450 494 174 176 259
New Brunswick, tornado at. 67 New business not to be taken up by Committees. 44 Ey-Laws proposed 44 ceded countries, chart of, to be compared with Gauld's 64 Committee to be added to the six fundamental ones 64 donation book ordered 65 flue for chimneys 76 Hall, Society resolves to meet in 67 first meeting in 67 lamp, model of, exhibited 67 laws. how to be made 67	4, 684 0, 441	29 , 442 82 453 450 494 174 176 259 28
New Brunswick, tornado at. 67 New business not to be taken up by Committees 44 By-Laws proposed 44 ceded countries, chart of, to be compared with Gauld's 60 Committee to be added to the six fundamental ones 60 donation book ordered 60 flue for chimneys 60 Hall, Society resolves to meet in 60 first meeting in 60 lamp, model of, exhibited 60 laws, how to be made 60 submitted 60 67 67 67 67 67 67 67 67 67	4, 684	29 , 442 82 453 456 494 174 176 259 28 , 205
New Brunswick, tornado at. New business not to be taken up by Committees By-Laws proposed ceded countries, chart of, to be compared with Gauld's Committee to be added to the six fundamental ones donation book ordered. flue for chimneys Hall, Society resolves to meet in first meeting in lamp, model of, exhibited laws. how to be made submitted leveling instrument	4, 684	29 , 442 , 82 , 453 , 456 , 494 , 174 , 176 , 259 , 28 , 205 , 41
New Brunswick, tornado at. 67. New business not to be taken up by Committees By-Laws proposed ceded countries, chart of, to be compared with Gauld's Committee to be added to the six fundamental ones donation book ordered. flue for chimneys Hall, Society resolves to meet in first meeting in lamp, model of, exhibited laws, how to be made submitted leveling instrument members to be notified	4, 684	29 , 442 453 450 494 176 259 28 3, 205 41 48
New Brunswick, tornado at. 67 New business not to be taken up by Committees. 44 eded countries, chart of, to be compared with Gauld's committee to be added to the six fundamental ones donation book ordered. flue for chimneys. Hall, Society resolves to meet in first meeting in lamp, model of, exhibited laws. how to be made submitted leveling instrument members to be notified cannot be elected unless proposer is present.	4, 684 0, 441 	29 , 442 453 456 494 174 176 259 28 3, 205 41 48 6, 217
New Brunswick, tornado at. New business not to be taken up by Committees By-Laws proposed ceded countries, chart of, to be compared with Gauld's Committee to be added to the six fundamental ones donation book ordered. flue for chimneys Hall, Society resolves to meet in first meeting in lamp, model of, exhibited laws, how to be made submitted leveling instrument members to be notified cannot be elected unless proposer is present method of investigating conic sections of mapping Russia	178	29 , 442 453 450 494 176 259 28 3, 205 41 48
New Brunswick, tornado at. New business not to be taken up by Committees By-Laws proposed ceded countries, chart of, to be compared with Gauld's Committee to be added to the six fundamental ones donation book ordered. flue for chimneys Hall, Society resolves to meet in first meeting in lamp, model of, exhibited laws, how to be made submitted leveling instrument members to be notified cannot be elected unless proposer is present method of investigating conic sections of mapping Russia	178	29 , 442 453 450 494 174 176 259 28 3, 205 41 48 5, 217 462
New Brunswick, tornado at. New business not to be taken up by Committees By-Laws proposed ceded countries, chart of, to be compared with Gauld's Committee to be added to the six fundamental ones donation book ordered. flue for chimneys Hall, Society resolves to meet in first meeting in lamp, model of, exhibited laws, how to be made submitted leveling instrument members to be notified cannot be elected unless proposer is present method of investigating conic sections of mapping Russia preserving peas from bugs minute book ordered.		29 442 82 453 450 494 174 176 259 28 3, 205 41 48 48, 217 462 95
New Brunswick, tornado at. New business not to be taken up by Committees By-Laws proposed ceded countries, chart of, to be compared with Gauld's Committee to be added to the six fundamental ones donation book ordered. fiue for chimneys Hall, Society resolves to meet in first meeting in lamp, model of, exhibited laws, how to be made submitted leveling instrument members to be notified cannot be elected unless proposer is present method of investigating conic sections of mapping Russia preserving peas from bugs minute book ordered name for the two Societies.		29 442 82 453 450 494 174 176 259 28 32 41 48 48 48 49 41 48 48 49 49 49 49 49 49 49 49 49 49
New Brunswick, tornado at. New business not to be taken up by Committees By-Laws proposed ceded countries, chart of, to be compared with Gauld's Committee to be added to the six fundamental ones donation book ordered. flue for chimneys Hall, Society resolves to meet in first meeting in lamp, model of, exhibited laws. how to be made submitted leveling instrument members to be notified cannot be elected unless proposer is present method of investigating conic sections of mapping Russia preserving peas from bugs minute book ordered, name for the two Societies nautical chart.		29 442 82 453 456 494 174 176 259 28 31, 205 41 48 48, 217 462 95 32 450
New Brunswick, tornado at. New business not to be taken up by Committees By-Laws proposed ceded countries, chart of, to be compared with Gauld's Committee to be added to the six fundamental ones donation book ordered. flue for chimneys Hall, Society resolves to meet in first meeting in lamp, model of, exhibited laws. how to be made submitted leveling instrument members to be notified cannot be elected unless proposer is present method of investigating conic sections of mapping Russia preserving peas from bugs minute book ordered, name for the two Societies nautical chart. receives extra Magellanic Premium		29 442 82 453 456 494 174 176 259 28 31 40 41 48 48 49 40 40 41 41 48 48 49 40 40 40 40 40 40 40 40 40 40
New Brunswick, tornado at. New business not to be taken up by Committees By-Laws proposed ceded countries, chart of, to be compared with Gauld's Committee to be added to the six fundamental ones donation book ordered. flue for chimneys Hall, Society resolves to meet in first meeting in lamp, model of, exhibited laws, how to be made submitted leveling instrument members to be notified cannot be elected unless proposer is present method of investigating conic sections of mapping Russia preserving peas from bugs minute book ordered name for the two Societies nautical chart receives extra Magellanic Premium to be published		29 , 442 82 453 456 494 174 176 259 28 41 482 95 32 450 21 399 400 402
New Brunswick, tornado at. New business not to be taken up by Committees By-Laws proposed ceded countries, chart of, to be compared with Gauld's Committee to be added to the six fundamental ones donation book ordered. flue for chimneys Hall, Society resolves to meet in first meeting in lamp, model of, exhibited laws. how to be made submitted leveling instrument members to be notified cannot be elected unless proposer is present method of investigating conic sections of mapping Russia preserving peas from bugs minute book ordered name for the two Societies nautical chart receives extra Magellanic Premium to be published plan of a meterological register	. 178	299, 4442, 822, 453, 4560, 4941, 1760, 259, 2883, 2055, 411, 4886, 217, 4662, 956, 322, 4500, 402, 13
New Brunswick, tornado at. New business not to be taken up by Committees By-Laws proposed ceded countries, chart of, to be compared with Gauld's Committee to be added to the six fundamental ones donation book ordered. flue for chimneys Hall, Society resolves to meet in first meeting in lamp, model of, exhibited laws, how to be made submitted leveling instrument members to be notified cannot be elected unless proposer is present method of investigating conic sections of mapping Russia preserving peas from bugs minute book ordered name for the two Societies nautical chart receives extra Magellanic Premium to be published plan of a meterological register rule for election of members 21		29 , 442 82 453 450 494 174 176 288 205 41 488 5, 217 462 95 32 450 21 399 400 402 13 7, 255 403 404 404 405 405 405 405 405 405
New Brunswick, tornado at. New business not to be taken up by Committees By-Laws proposed ceded countries, chart of, to be compared with Gauld's Committee to be added to the six fundamental ones donation book ordered. flue for chimneys Hall, Society resolves to meet in first meeting in lamp, model of, exhibited laws, how to be made submitted leveling instrument members to be notified cannot be elected unless proposer is present method of investigating conic sections of mapping Russia preserving peas from bugs minute book ordered, name for the two Societies nautical chart receives extra Magellanic Premium to be published plan of a meterological register rule for election of members 21 rules		29 , 442 82 453 450 494 174 176 288 205 41 482 95 32 450 217 462 95 32 450 404 404 404 405 405 418 406 407 407 407 407 407 407 407 407
New Brunswick, tornado at. New business not to be taken up by Committees By-Laws proposed ceded countries, chart of, to be compared with Gauld's Committee to be added to the six fundamental ones donation book ordered. flue for chimneys Hall, Society resolves to meet in first meeting in lamp, model of, exhibited laws, how to be made submitted leveling instrument members to be notified cannot be elected unless proposer is present method of investigating conic sections of mapping Russia preserving peas from bugs minute book ordered name for the two Societies nautical chart receives extra Magellanic Premium to be published plan of a meterological register rule for election of members series of Transactions beguin.	178	29 , 442 82 453 450 494 174 176 259 28 205 41 48 32 450 21 399 402 13 402 13 403 404 404 405 405 405 405 405 405
New Brunswick, tornado at. New business not to be taken up by Committees By-Laws proposed ceded countries, chart of, to be compared with Gauld's Committee to be added to the six fundamental ones donation book ordered. flue for chimneys Hall, Society resolves to meet in first meeting in lamp, model of, exhibited laws, how to be made submitted leveling instrument members to be notified cannot be elected unless proposer is present method of investigating conic sections of mapping Russia preserving peas from bugs minute book ordered name for the two Societies nautical chart receives extra Magellanic Premium to be published plan of a meterological register rule for election of members series of Transactions begun silk reel		29 , 442 82 453 450 494 174 259 28 3, 205 41 48 45 95 32 450 21 399 400 402 135 247 471 97
New Brunswick, tornado at. New business not to be taken up by Committees By-Laws proposed ceded countries, chart of, to be compared with Gauld's Committee to be added to the six fundamental ones donation book ordered. flue for chimneys Hall, Society resolves to meet in first meeting in lamp, model of, exhibited laws, how to be made submitted leveling instrument members to be notified cannot be elected unless proposer is present method of investigating conic sections of mapping Russia preserving peas from bugs minute book ordered name for the two Societies nautical chart receives extra Magellanic Premium to be published plan of a meterological register rule for election of members series of Transactions beguin.	. 178	29 , 442 82 453 450 494 174 176 259 28 205 41 48 32 450 21 399 402 13 402 13 403 404 404 405 405 405 405 405 405

	PA	жĽ.
New Hampshire Historical Society to receive historical collections Vol.		
A. P. S	-	544
New Jersey, Beauvois discovers an animal in		238
blue iron earth	-	463
New Orleans, climate of		471
Newnan, Jno., account of Tennessee	•	247
New Sweden, MS. description of		510
Newton, Sir Isaac, engraving of, presented		514
Newton vs. Kepler	•	580
New York Agricultural Society resolutions of		323
Custom House levies duties on the Society's books 488.		
fortifications, drafts of		453
Lyceum thanks the Society for casts		540
Niagara, notes on		284
paper on		385
Nicola, Col., paper by, on the deluge		103
report by		110
observations on bones		123
proposes a law		107
resolutions passed		108
Nichols appointed to obtain a printer for the Transactions		
paper by		
papers by, never intended for publication		583
Nicklin, P. H., paper by		590
borrows Humphrey's shells		624
Nicotiana latifolia, paper on		
Niemce wicz presents a Polish gold coin		271
thanked		271
Nomination, No. 1, read		
Nondescript Florida plants		82
Non-resident members, law as to payments by		379
Norrington, transit of Venus, to be observed at		15
Norse discoveries in America		585
North America, change of climate in		58
trees of		294
insects of		
North Carolina, extinct volcano in		180
ancient walls in		259
analyzed		276
reported on		376
gold in		132
Noel, Dr., donation from		259
letter from		
Northwest of the United States, exploration of		
Notation of music		159
Note from Sam. Adams		111
Notes on Arkansas		
on the beaver		388
Notices, obituary, origin of		109
Notification of election, of distant members, ordered		31
form agreed on		31
of new members		48
copper plate of, ordered		559
Nouvel Hotel Dieu		168
Noxious insects		109
Nulty, E., solves Rittenhouse's problem		467
solves the motion of the pendulum		488

	PAGE.
Number of officers agreed upon	
Numerical problems	597
Nuttall, Thos., to join United States Northwest Exploring Expedition	483
to be paid expenses for drawings of plants	503
paper by	
flora of Arkansas	650
Ο.	
Obituary notices, origin of	. 109
to be entered in a book	577
Objection raised to Treasurer's charges for commissions	
Observations by Ellicott	338, 351
by Holland	
by Mifflin	302
by Maskelyne	. 55
by Pointell	343
by S. Williams	. 81
on terrestrial magnetism to be carried on in the United States	. 377
requested	
on the comet of 1807	
on North America seacoast, by Dr. Williamson	115
on the Western countries, by Ellicott	235
on clouds by Rittenhouse	
on the fly weevil	. 19
on wool-bearing animals	. 232
on the spray of Niagara	. 176
thermometric at Yorktown, Va	. 175
on Hadley's quadrant	. 72
on evaporation by Dr. Williamsonon population and longevity in the United States	. 81
on the mortality of Philadelphia and New York	. 169 . 395
on fossil bones	
of Jupiter's satellites.	. 47
of transit of Venus	. 14
observers classified	. 38
to be laid before the Assembly	
of rainfall	66
on spontaneous generation	344
of eclipse of sun June, 1806	388, 394
at Buffalo creek	303
in Canada	. 70
at Presque Isle	. 242
on solar eclipse April 14, 1809, and lunar eclipse of April 29, at Lancas	
ter	
on magnetic dip	
magnetic, to be collected	. 605
barometrical	. 597
meteorological and thermometrical proposed to be kept by the So	-
cietynot agreed to	591
not agreed to	592
thermometrical	8 800 700
Observatory in Centre Square	088, 100 161 AGE
Committee of Society to meet a Committee of Councils	465
granted by Councils	476
to be erected	31. 108
	J-, +00

	PAG	Æ.
Observatory not to cost over £60		36
finished		38
petition to erect an		96
to be sold		108
to be repaired \dots 62,	102,	287
given by Mrs. Rittenhouse	241,	242
accounts for the	. 36	, 45
deed for the	-	304
to be erected	-	669
partly to be paid for by City Councils		672
fund to be collected for	672,	688
plans and estimates to be obtained		
Councils grant money for	-	699
Occultation of Aldebaran		364
of the eclipsed moon	•	655
Ocean temperature near icebergs		627
Offer of Franklin to loan money to complete the Hall		156
"Oeconomy"	-	254
Officers, number of agreed upon		10
how to be elected		178
to be chosen from the Council		
to be citizens of the United States		107 107
need not be citizens of Pennsylvania		
elected . 1, 10, 23, 47, 61, 69, 74, 85, 94, 98, 100, 110, 114, 115, 121, 129, 136, 147,	100, . 102 .	110
178, 187, 201, 211, 217, 227, 235, 246, 277, 290, 297, 307, 320, 330, 345, 369, 381, 392,		
419, 425, 431, 438, 443, 451, 459, 468, 476, 481, 492, 498, 507, 516, 521, 535, 537, 548, 573, 588, 598, 612, 622, 629, 644, 663,		
of the Historical Committee.		459
Ogleby and Saddler pay £525 for Arch Street lot		167
deed made to		202
Ohio petrifications		393
valley, geology of		
Oil from cotton seed		474
	•	474
sunflower	:	474 17
sunflower		474 17 17
sunflower	· ·	474 17 17 39
sunflower	· · ·	474 17 17 39 306
sunflower		474 17 17 39 306 173
sunflower berry seed		474 17 17 39 306 173 155
sunflower berry seed		474 17 17 39 306 173 155 397
sunflower berry seed		474 17 39 306 173 155 397 16 194 74
sunflower berry seed for argand lamps from Oil creek and water in motion Oil painting of the eclipse presented Oker from Pequea Oid age, paper on		474 17 39 306 173 155 397 16 194 74 841
sunflower berry seed		474 17 17 39 306 173 155 397 16 194 74 841 326
sunflower berry seed. for argand lamps from Oil creek. and water in motion. Oil painting of the eclipse presented. Oker from Pequea Old age, paper on Oilver, letter of, relative to his essay on comets. Olives in South Carolina.		474 17 17 39 306 173 155 397 16 194 74 841 326 90
sunflower berry seed		474 17 17 39 306 173 155 397 16 194 74 841 326 90 278
sunflower berry seed. for argand lamps from Oil creek. and water in motion. Oil painting of the eclipse presented. Oker from Pequea Old age, paper on Oilver, letter of, relative to his essay on comets. Olives in South Carolina. Olsen, B., letter from. Omissions from the minutes. Onondaga Salt Springs, by DeWitt. Ontario, Lake, southern margin an ancient turnpike.		474 17 17 39 306 173 155 397 16 194 74 841 326 90 278 426
sunflower berry seed for argand lamps from Oil creek. and water in motion Oil painting of the eclipse presented Oker from Pequea Oid age, paper on Oiliver, letter of, relative to his essay on comets. Oilives in South Carolina Olsen, B., letter from Omissions from the minutes Onondaga Salt Springs, by DeWitt Ontario, Lake, southern margin an ancient turnpike Opinion of Chief Justice desired.		474 17 17 39 306 173 155 397 16 194 74 841 326 90 278 426 127
sunflower berry seed. for argand lamps from Oil creek. and water in motion. Oil painting of the eclipse presented. Oker from Pequea Oid age, paper on Oiiver, letter of, relative to his essay on comets. Oilves in South Carolina. Oisen, B., letter from. Omissions from the minutes. Onondaga Salt Springs, by DeWitt Ontario, Lake, southern margin an ancient turnpike. Opinion of Chief Justice desired. of Sir Wm. Jones.		474 17 39 306 173 155 397 16 194 74 841 326 90 278 426 127 175
sunflower berry seed. for argand lamps from Oil creek. and water in motion. Oil painting of the eclipse presented. Oker from Pequea. Oid age, paper on Oilver, letter of, relative to his essay on comets. Oilves in South Carolina. Olsen, B., letter from. Omissions from the minutes. Onondaga Salt Springs, by DeWitt. Ontario, Lake, southern margin an ancient turnpike. Opinion of Chief Justice desired. of Sir Wm. Jones. Opium cures tetanus.		474 17 39 306 173 155 397 16 194 74 841 326 90 278 426 127 175 52
sunflower berry seed. for argand lamps from Oil creek. and water in motion. Oil painting of the eclipse presented. Oker from Pequea. Oid age, paper on Oilver, letter of, relative to his essay on comets. Olives in South Carolina. Olsen, B., letter from. Omissions from the minutes. Onondaga Salt Springs, by DeWitt. Ontario, Lake, southern margin an ancient turnpike. Opinion of Chief Justice desired. of Sir Wm. Jones. Opium cures tetanus. effects of.		474 17 17 39 306 173 155 397 16 194 74 841 826 90 278 426 127 175 52 263
sunflower berry seed. for argand lamps from Oil creek. and water in motion. Oil painting of the eclipse presented. Oker from Pequea. Oid age, paper on Oilver, letter of, relative to his essay on comets. Oilves in South Carolina. Oisen, B., letter from Omissions from the minutes. Onondaga Salt Springs, by DeWitt. Ontario, Lake, southern margin an ancient turnpike. Opinion of Chief Justice desired. of Sir Wm. Jones. Opium cures tetanus effects of. Optics, Priestley's new treatise on		474 17 17 39 306 173 155 397 16 194 74 841 826 90 278 426 127 175 52 263 74
sunflower berry seed for argand lamps from Oil creek. and water in motion Oil painting of the eclipse presented Oker from Pequea Oid age, paper on Oiliver, letter of, relative to his essay on comets. Olives in South Carolina Olsen, B., letter from Omissions from the minutes. Onondaga Sait Springs, by DeWitt Ontario, Lake, southern margin an ancient turnpike Opinion of Chief Justice desired of Sir Wm. Jones. Opium cures tetanus effects of. Optics, Priestley's new treatise on illusions in.		474 17 17 39 306 173 155 397 16 194 74 841 826 90 278 426 127 175 52 268 74
sunflower berry seed. for argand lamps from Oil creek. and water in motion. Oil painting of the eclipse presented. Oker from Pequea. Oid age, paper on Oilver, letter of, relative to his essay on comets. Oilves in South Carolina. Oisen, B., letter from. Omissions from the minutes. Onondaga Salt Springs, by DeWitt. Ontario, Lake, southern margin an ancient turnpike. Opinion of Chief Justice desired. of Sir Wm. Jones. Opium cures tetanus. effects of. Optics, Priestley's new treatise on illusions in. Orang-outang, on the		474 17 17 39 306 173 155 397 16 194 74 841 326 90 278 426 127 175 52 263 74 104 606
sunflower berry seed. for argand lamps from Oil creek. and water in motion. Oil painting of the eclipse presented. Oker from Pequea. Oid age, paper on Oilver, letter of, relative to his essay on comets. Olives in South Carolina. Olisen, B., letter from. Omissions from the minutes. Onondaga Salt Springs, by DeWitt. Ontario, Lake, southern margin an ancient turnpike. Opinion of Chief Justice desired. of Sir Wm. Jones. Opium cures tetanus effects of. Optics, Priestley's new treatise on illusions in. Orang-outang, on the Oration, annual, delivered by B. S. Barton.		474 17 39 306 173 155 397 16 194 74 841 326 90 278 426 127 175 52 263 74 104 606 280
sunflower berry seed. for argand lamps from Oil creek. and water in motion. Oil painting of the eclipse presented. Oker from Pequea. Oid age, paper on Oilver, letter of, relative to his essay on comets. Olives in South Carolina. Oisen, B., letter from Omissions from the minutes. Onondaga Salt Springs, by DeWitt. Ontario, Lake, southern margin an ancient turnpike. Opinion of Chief Justice desired. of Sir Wm. Jones. Opium cures tetanus effects of. Optics, Priestley's new treatise on illusions in. Orang-outang, on the Oration, annual, delivered by B. S. Barton by Owen Biddle.		474 17 39 306 173 155 397 16 194 74 841 326 90 278 426 127 175 52 263 74 104 606 280

				FAGE.
Oration by Ewing				101, 106
to be delivered by Dr. Foulke	. 14	9, 16	5,	169, 170
by Hopkinson			•	
by Dr. Magaw				
by Matlack				
to be delivered by Rittenhouse				. 88, 95
to be printed				
by Dr. Rush		8	5,	
delivered by Dr. Sam. Smith				. 148
by Dr. W. Smith, postponed				. 75
delivered				. 76
to be printed				. 76
Thomson declines to deliver				. 85
to be annually delivered				
delivery of, to be revived				. 135
to be delivered at the University				. 148
deferred				
to be disposed of				
funeral, on Dr. Franklin				
orator selected for				
Ord, Geo., to wait on Mr. Walsh				
deposit by				. 584
paper by				
purchases books for the Society				
to prepare sketch of Say				
reads same				
declines re-election as Vice-President				
Ord's collections and books to be purchased				
Order of business, established				
referred				
reported on				
accepted				
to be copied and laid before the President at each meeting				
new articles for				
Order on Treasurer, 36, 38, 42, 44, 45, 51, 52, 54, 55, 56, 58, 62, 63, 64, 68,				
104, 109, 116, 117, 119, 125, 132, 134, 142, 144, 145, 146, 150, 152, 155, 157,				
190, 194, 197, 199, 205, 208, 209, 220, 221, 230, 234, 253, 262, 268, 270, 275,				
			•	386, 515
Orrery made by Rittenhouse				
to be made for Louis XVI				
accepted by				
Ores presented by Z. Collins				
from the Northwest				
(lead) from Perkiomen				
Origin of obituary notices				
of publication committee				
Original minutes of American Philosophical Society				
plan of the American Philosophical Society to be printed.	• •	• •	•	. 2
pian of the American Philosophical Society to be printed.	• •	• •	•	. 7
Orthography, &c., of the English language		• •	•	
Os hyoides, paper on		• •	•	396
Otatheitian cloth	• •	• •	•	. 380
Othomitorum, de lingua	•	• •	٠.	668
Otto's letter on the first discovery of America	• •	• •	•	. 142
Outstanding debts, list of, called for	• •	• , •	•	. 66
to be collected	•	• •	٠.	
Owner of the torpedo to be paid for experiments on it				. 82

P.

· · · · · · · · · · · · · · · · · · ·	AGE.
Page, letter on aurora	117
Palladium and Rhodium to separate	418
Palladium, &c., pen	704
Pamphlets to be bound	254
Panoptikon, Bentham's	398
Pantometry	374
Papaver, effect of	263
Paper, endless	485
makers, report of Committee to confer with,	97
	78, 79
writing, of asbestos	68
made from cotton	334
obtained from the fibre of the Morus rubra	422
to be got ready for Transactions	
for premiums, list to be made of	2, 200 274
ready for publication to be examined into	439
money to be exchanged	161
money to be exchanged	121
&c., delivered up by Matlack	
to be recovered from Paschall	77
Paper by Prof. R. Adrain	
by Rev. Tim. Alden.	439
by Dr. Alison	
by Dr. Anderson	
by Col. Antes	
by Drs. J. Archer, of Baltimore, Md	87
by Audubon	623
by James Austin	5, 486
by Azembuja	640
by A. D. Bache	8, 677
by Bache and Courtenay	686
by Rev. John Bachman	704
by Dr. W. Baldwin	486
by Jos. Barnes	215
by Dr. Barnwell	1, 471
by Capt, Jas. Barron	
returned to author	540
by Dr. B. S. Barton, 196, 206, 213, 220, 223, 241, 272, 276, 284, 294, 304, 308, 335	
357, 396, 402, 405, 407, 426, 427, 45	
by Dr. I. Rhea Barton	564
by R. P. Barton	155
by W. Barton	193
by W. Bartram	328
by Rev. Fred. Beasley	470
by Beauvois	
by C P. Boushe	651
by P. de Beauvue on Cryptogamia	203
by John Beale Boardley on Maryland weather	112
by Biot	379
by Dr. Bond on health	103
on air and disease	235
by Boussingault	626
by N. Bowditch	330
by Dr. Sam. Brown	4, 382
by P. A. Browne	7, 528
by J. Buchanan	647
by Marcus Bull	552

		PA	a Tr
Pan	er by C. L. Bonaparte		
- up	by Dr. Burrough		626
	by Bushnell	•	273
	by Burgsten	•	299
	by Mr. Busby		489
	by Caire-Morand		
	by Dr. Caldwell on hoar frost		235
	by Mr. Carey		586
	by Dr. Cathrall		300
			475
	by Geo. Chambers		423
			470
	by Dr N. Chapman	•	349
	by John Chipchase		150
	by Jno. Churchman	904	
	by E. Clibborn		598
	by Jos. Cloud		
	by Dr. Collin		
	by Dr. Conover		
	by Dr. Cooper		
	by "C. P"		
	by Correa da Serra		453
	by Dr. J. R. Coxe		
	by Corse on English accent	•	107
	by E. D. Courtenay.		676
	by R. Craig on a flax machine		235
	by Crevelli		593
	by Dr. W. Currie	460,	
	by Ross Cuthbert	•	397
	returned to author	•	403
	by Dabney	•	410
	by Dannemours.		375
	by W. Darby.		595
	by Dr. Darlington.	•	409
	from Daubenton	•	94
	by Davezac	•	272
	by Jno. Dawson		
	by Deabbaté		520
	by Baron F. de Bretton		447
	by C. De Ham		484
	by De Lesseps		503
	by Del Rio	605,	641
	by S. R. Demaree		370
	by De Ferrer		
	by De Foronda		
	by Deslozieres		
	by Dr. Deveze		273
	by S. De Wit		397
	by A. A. Dexter		594
	by Dr. Dorsey		470
	by Dr. Dan. Drake	46 0,	474
	by Dr. J. W. R. Dunbar		638
	by R. Dunbar	. :	330
	by W. Dunbar	410.	411
	by Duponceau	471.	694
	hy Dupont de Nemours	458. ·	459
	by Durald		339

PAGE.

Paper by Duvigneau and	Pare	ent.												487
by Dr. Elkendorf														515
by Ellicott 220	. 230	. 235	. 242	. 273.	283.	301.	302,	312.	313.	320.	321.	322,	330,	338
by Ellis and Coulter														312
by Dr. Emerson														705
by J. P. Emmett														709
by J. Emslie, Jr														415
by J. P. Espy														500
														483
by Jas. Flint														
by Feuchtwanger														
by Dr. A. Fothergill.														
by Felsted													-	283
not to be published														288
by F. J. Ferguson														688
by John Frazer														
by John Garnett												320,	412,	
by Judge Gibson											• •			497
by Gillespie returned														402
by Mr. Gilmer, of Vi	gin	ia.												46 l
by D. Griffith														323
by M. C. Groves														327
by H. Guest														233
from Dr. Gashlier														154
by Godon													401.	
by E. Gordon														481
by Joe Green														491
by Prof. Gummere .												• •	•	668
by John Hall												• •	225	
by Jas. Hall														326
by C. J. A. Hamilton					· · ·									693
by Dr. Hare														
by Dr. Harlan														
						-			_			UU1,		610
by W. H. Harrington														000
by Hassler											472,	493,	500,	
by Hassler by J. J. Hawkins		· · ·	• • •			• •	· ·	• •	• • •		472, • • •	493, 30 0 ,	500, 302,	305
by Hassler by J. J. Hawkins by Dr. Hays		· · ·	 	 		• •	· •	 	 	• • •	472,	493, 30 0,	500, 302,	305 597
by Hassler by J. J. Hawkins by Dr. Hays by Mr. Heart	• • •	· · ·	· · · · · · · · · · · · · · · · · · ·		· · ·		· · · · · · · · · · · · · · · · · · ·	 	 	• • •	472,	493, 30 0, 	500, 302,	305 597 202
by Hassler by J. J. Hawkins by Dr. Hays by Mr. Heart by John Heckewelde	· • • • • • • • • • • • • • • • • • • •	• • •	 		• • •		 	• •	 	238,	472, 340,	493, 300, 364,	500, 302, 510,	305 597 202 627
by Hassler by J. J. Hawkins by Dr. Hays by Mr. Heart by John Heckewelde by Jos. Henry	· · ·	• • •	 			• •	· · ·	• •		238,	472, 340,	493, 300, 364,	500, 302, 510, 664,	305 597 202 627 666
by Hassler by J. J. Hawkins by Dr. Hays by Mr. Heart by John Heckewelde by Jos. Henry by Wm. Henry	· • • • • • • • • • • • • • • • • • • •	• • •	• • •	• • •		• • •	• • •	• • •	• • •	. 238,	472, 340,	493, 300, 	500, 302, 510, 664,	305 597 202 627 666 172
by Hassler by J. J. Hawkins by Dr. Hays by Mr. Heart by John Heckewelde by Jos. Henry by Wm. Henry by N. M. Hentz	r		• • •			• • • • • • • • • • • • • • • • • • • •		• • • • • • • • • • • • • • • • • • • •	• • •	. 238,	472, 340,	493, 300, 364, 515,	500, 302, 510, 664,	305 597 202 627 666 172 584
by Hassler by J. J. Hawkins by Dr. Hays by Mr. Heart by John Heckewelde by Jos. Henry by Wm. Henry by N. M. Hentz by Jesse Higgins	r		• • • • • • • • • • • • • • • • • • • •					• • • • • • • • • • • • • • • • • • •	• • •	. 238,	472, 340, 495,	493, 300, 364, 	500, 302, 510, 664,	305 597 202 627 666 172 584 195
by Hassler by J. J. Hawkins by Dr. Hays by Mr. Heart by John Heckewelde by Jos. Henry by Wm. Henry by N. M. Hentz by Jesse Higgins by Hill	· · · · · · · · · · · · · · · · · · ·									. 238,	472, 340, 495,	493, 300, 364, 	500, 302, 510, 664,	305 597 202 627 666 172 584 195 385
by Hassler by J. J. Hawkins by Dr. Hays by Mr. Heart by John Heckewelde by Jos. Henry by Wm. Henry by N. M. Hentz by Jesse Higgins	· · · · · · · · · · · · · · · · · · ·									. 238,	472, 340, 495,	493, 300, 364, 	500, 302, 510, 664,	305 597 202 627 666 172 584 195 385 299
by Hassler by J. J. Hawkins by Dr. Hays by Mr. Heart by John Heckewelde by Jos. Henry by Wm. Henry by N. M. Hentz by Jesse Higgins by Hill										238,	472, 340, 495,	493, 300, 	500, 302, 510, 664,	305 597 202 627 666 172 584 195 385
by Hassler by J. J. Hawkins by Dr. Hays by Mr. Heart by John Heckewelde by Jos. Henry by Wm. Henry by N. M. Hentz by Jesse Higgins by Hill by "Hiram"								· · · · · · · · · · · · · · · · · · ·		. 238,	472, 340, 495,	493, 300, 364, 515, 	500, 302,	305 597 202 627 666 172 584 195 385 299
by Hassler by J. J. Hawkins by Dr. Hays by Mr. Heart by John Heckewelde by Jos. Henry by Wm. Henry by N. M. Hentz by Jesse Higgins by Hill by "Hiram" by Mr. Hobrow										. 238,	472, 340, 495,	493, 300, 364, 515, 	500, 302, 510, 664,	305 597 202 627 666 172 584 195 385 299 249 596
by Hassler by J. J. Hawkins by Dr. Hays by Mr. Heart by John Heckewelde by Jos. Henry by Wm. Henry by N. M. Hentz by Jesse Higgins by Hill by "Hiram" by Mr. Hobrow by W. B. Hodgson										. 238,	472,	493, 300, 364, 515,	500, 302, 510, 664,	305 597 202 627 666 172 584 195 385 299 249 596
by Hassler by J. J. Hawkins by Dr. Hays by Mr. Heart by John Heckewelde by Jos. Henry by Wm. Henry by N. M. Hentz by Jesse Higgins by Hill by "Hiram" by Mr. Hobrow by W. B. Hodgson										. 238,	472,	493, 300, 	500, 302,	305 597 202 627 666 172 584 195 385 299 249 596 186
by Hassler by J. J. Hawkins by Dr. Hays by Mr. Heart by John Heckewelde by Jos. Henry by Wm. Henry by N. M. Hentz by Jesse Higgins by Hill by "Hiram" by Mr. Hobrow by W. B. Hodgson by Hopkinson by Dr. Horner										. 238,	472,	493, 300, 	500, 302,	305 597 202 627 666 172 584 195 385 299 249 596 186 509
by Hassler by J. J. Hawkins by Dr. Hays by Mr. Heart by John Heckewelde by Jos. Henry by Wm. Henry by N. M. Hentz by Jesse Higgins by Hill by "Hiram" by Mr. Hobrow by W. B. Hodgson by Hopkinson by Dr. Horner by Dr. Hossac by C. J. Ingersoll										. 238,	472,	493, 300, 	500, 302, 510, 664,	305 597 202 627 666 172 584 195 385 299 249 596 186 509 436
by Hassler by J. J. Hawkins by Dr. Hays by Mr. Heart by John Heckewelde by Jos. Henry by Wm. Henry by N. M. Hentz by Jesse Higgins by Hill by "Hiram" by Mr. Hobrow by W. B. Hodgson by Hopkinson by Dr. Horner by Dr. Hossae										. 238,	472,	493, 300, 	500, 302, 510, 664,	305 597 202 627 666 172 584 195 299 249 596 186 509 436 533 647
by Hassler. by J. J. Hawkins by Dr. Hays. by Mr. Heart by John Heckewelde by Jos. Henry by Wm. Henry by N. M. Hentz by Jesse Higgins by Hill by "Hiram" by Mr. Hobrow by W. B. Hodgson by Hopkinson by Dr. Horner by Dr. Horsae by C. J. Ingersoll by Col. Jackson										. 238,	472,	493, 300, 	500, 302, 510, 664,	305 597 202 627 666 172 584 195 299 249 596 186 509 436 533 647
by Hassler. by J. J. Hawkins by Dr. Hays. by Mr. Heart by John Heckewelde by Jos. Henry. by Wm. Henry. by N. M. Hentz by Jesse Higgins by Hill. by "Hiram". by Mr. Hobrow by W. B. Hodgson by Hopkinson. by Dr. Horner. by Dr. Hossac by C. J. Ingersoll by Col. Jackson by Edwin James, M. by Dr. Janeway.										238,	472,	493, 300, 	500, 302, 510, 664,	305 597 202 627 666 172 584 195 385 299 249 596 436 533 647 575
by Hassler. by J. J. Hawkins by Dr. Hays. by Mr. Heart by John Heckewelde by Jos. Henry. by Wm. Henry. by N. M. Hentz by Jesse Higgins by Hill. by "Hiram". by Mr. Hobrow by W. B. Hodgson by Hopkinson by Dr. Horner. by Dr. Hossac. by C. J. Ingersoll by Col. Jackson. by Edwin James, M.										. 238,	472,	493, 300, 	500, 302, 510, 664,	305 597 202 627 666 172 584 195 385 299 249 596 436 509 436 533 647 575 687
by Hassler by J. J. Hawkins by Dr. Hays by Mr. Heart by John Heckewelde by Jos. Henry by Wm. Henry by Wm. Hentz by Jesse Higgins by Hill by "Hiram" by Mr. Hobrow by W. B. Hodgson by Hopkinson by Dr. Horner by Dr. Horner by C. J. Ingersoll by Col. Jackson by Edwin James, M. by Dr. Janeway by Jefferson										. 238,	472,	493, 300, 	500, 302,	305 597 202 627 666 172 584 195 385 299 249 596 186 509 436 647 575 687 271 133

PA	GE.
Paper by Dr. B. F. Joslin	618
by Julius	363
not worthy of a premium	402
by Mr. W. H. Keating	503
by Tim. Kirk	276
by W. Lambert	, 561
by B. H. Latrobe	, 393
by Isaac Lea	, 704
by Dudley Leavitt	678
by LeGaux	212
by A. Lewis	177
by Lichtenstein	362
by R. F. Livingstone	, 373
by G. W. Long	
withdrawn	550
by Major S. H. Long	504
by R. K. Lorrey	, 373
by Bishop Jas. Madison	, 345
by Mr. Mansfield	464
by H. Marshall	69
by Matlack	, 426
by Maskelyne	185
by W. Marratt	, 548
by T. J. Matthews	577
by T. Maxwell	706
by Wm. McClure	, 471
by Dr. McNeven	, 524
by Dr. Mease	, 699
by Josiah Meigs	505
by Meyer	104
by S. L. Mitchell	, 598
by Morelli	, 664
by Dr. Mower	, 497
by Rev. N. Murray	626
by H. Muhlenburg	241
by Dr. Nassey	218
by Dr. Nancarrow	249
by E. Naxera	668
by Jno. Newnan	247
by Nichols	, 599
by P. H. Nicklin	590
by Col. Nicola	103
by E. Nulty	, 654
by Thos. Nuttall	601
by Ord	5 78
by Capt. A. Partridge	433
by a "Patriot of '76"	5 08
by Mr. Patterson	
by Dr. Patterson	
by Peale	
by Jas. Pedder	652
by Dr. Perkins	84
of Phineas Pemberton	192
by M. Perrier	
by Peyrouse	•
by Philo-Franklin	201
by Dr. C. W. Pickering.	570

Paper by N. Plantou					594	E95	6777
by Dr. Priestley							
by Dr. Jacob Randolph							606
by Dr. Fred. Ridgeley							427
by Rittenhouse							
by R. Robotham							310
by H. D. and W. B. Rogers							
by Rush	. 		85, 141,	194,	195,	260,	261
by Saunders							602
by T. Say			. .	474,	489,	491,	687
by Chev. St. George	· · · ·						209
by B. Schultz		2	32, 297,	298,	314,	334,	398
by Schweinitz							616
by Nathan Sellers,							428
by Dr. Adam Seybert						243,	276
by Henry Seybert							
by W. Shaler							
by Dr. Shattuck						. ′	399
by Silliman						404.	405
by Dr. A. G. Smith							599
by Jona. Smith							120
by T. P. Smith							278
by Horatio Gates Spafford							463
by Dr. Spalding of New Hampshire							420
by Spring and McCorkle							257
by R. D. Spaight							279
by Dr. Hugh Steel							482
by Rev. H. Steinhauer							470
by Isaac Story,							238
by W. Strickland							299
by John Cleves Symmes							486
by W. Tatham							
by Charles Thomson							588
by Dr. Tilton							74
by Tousard.							
by Dr. Troost		· · · ·		• • •	024,	000,	249
by Thos. Truxton,	· • · · ·			• •	000		
by Turner							206
from R. Valltravers							
by Branston Vanleer							254
by C. Varlè	• • • • •	2	29, 595,	ə 9 ə,	400,	440,	
by J. Vaughan	• • • • •	• • •		• •	• •		477
by Vauquelin		• • • •		• • •	• •	417,	
by H. Voight							417
by J. W		• • •	• • • •	• •		•	437
by S. C. Walker							640
by Wm. Waring	• • • • •			206,	207,	214,	
by R. Wells							90
by Wilkinson	• • • • •		· · · ·	• •	• •		302
by Jos. White			• • •				473
by Jona. Williams							
by R. Williams	• • • • •	• •		• •	• • •	412,	
by S. Williams	· · · · ·		• • •	• • •		•	87
by Dr. Williamson	· · · • •	• • •	• • •		• •	•	279
to be published				154	440	450	280
by Dr. Wistar						450,	460
by T. Wright							227

PAGE.
Paper by Henry Wynkoop 280
Paper on acids in vapor
on ærial voyages
on agriculture returned by the Agricultural Society 146
on air balloons
on air heated in metallic tubes
on air produced by freezing water ,
on the air pump by C. P
on a case of albino
on a white negro
on the amelioration of the climate of Massachusetts 358
on American aboriginal tumuli and population 441
on American antelope
on American antiquities
on the American Dipus
on American geographical positions
on American lizard
on amphibious serpents
on analogy between polypi and vegetables
on analysis of air
on analysis of the blue iron earth of New Jersey
on anatomical preparations by corrosion
on the anatomy of the alligator 495
on the anatomy of the mocking bird
on ancient fortifications near Lexington, Ky
on ancient walls in North Carolina
on anemoscope, &c
on angles
on animal cotton
on animal heat
on antiseptic medicine
on an appendage to the reflecting sector
on arsenic tests
on the art of making iron and steel
on the art of mining
on astronomical subjects,
on Baconian philosophy
on barometrical measurements of the Blue Ridge
on barometrical and meteorological observations in Peru 470
on the Bath mineral waters of Virginia
on the best angle for sails for a wind mill
on bilious fevers
on bilious, remittent and yellow fever
on black vomit
on the building stone used at Washington
on burning lime
on calculating surd decimal fractions
on calorimotor
on camphor and vegetables
on cascade in Fayette county
on a case in which one side of the thorax was dilated while the other
was at rest
on chalybeate waters
on charges in pitrops said
on charcoal in nitrous acid
on chimneys, defective
improvement of

	GE.
per on Cicindella	474
on Cimex	385
on the climate of New Orleans	471
on a cock with two pipes	339
on the cold at Hallowell, Me	
on cold, effects of	71
on trees	109
on the comet of September 12, 1807	, 411
on common sense	189
on compasses	300
on the computation of lunar longitude, &c., and to find the moon's	
hourly velocity	420
on the computation of the moon's motion	418
on the connection of science with the rise and fall of empire	473
on the conversion of salt into nitre	345
on converting an alternate into a rotary motion	. 456
on the construction of privies	443
on the correct longitude of Washington	435
on cramp	459
on cyperus, new species	486
on the dark day	141
on delective chimneys	133
on the danger of lying on damp ground	
on the Delaware climate from the early Swedish records	460
41. The last control of the control	103
	103
on the deluge	
on the Delta of the Mississippi	435
on a descent in a diving bell	
on destruction of wheat insects	380
on the discharge of two worms from the ear of a child	358
on insects found in the ear of a child returned	402
on discoveries, &c	135
on the discovery of a cantharides	341
on drying up marshes	227
on the earth's figure	304
size	141
form	486
on eclipses of Jupiter's moons	327
on eclipse of the sun	103
on the eclipse of the sun, June, 1806	, 391
on education	247
on effusions under the skull, treatment of	239
on the Empire of Morocco	503
on endiometric observations	243
on English accent	107
on the English alphabet	370
on English phonology	471
on the English words county and commonwealth	458
on Ephoron leukon	279
on the equation of the sun's declination.	308
on essential oils	
on evaporation	
on an excursion to the White Hills	399
on the expansion of iron and brass by heat	472
on expansion of wood by heat	231
on experiments on crude platinum and a new process for separating	201
palladium and rhodium	418
Professional Willia 1410/04/144	710

IAU	× 13.
Paper on extinguishing fire	229
	364
	350
	448
on finding latitude and longitude by a common watch, and no other	
	422
on finding the roots of equations by logarithms	413
on fire escape not worthy of a premium	
	254
•	500
on a fœtus, imperfect	85
	225
	$\frac{225}{475}$
5 ,	
on the function of absorption in amphibia	
• • • • • • • • • • • • • • • • • • • •	362
	148
	237
	427
	459
	495
•	570
•	474
	461
on the geology of the United States	471
on the geology of the Western United States	482
on geometric exemplification of temperature	505
on the goitre	336
on the golden cassia	161
	469
	447
	109
	220
	225
	141
on the head bones of an animal found at Big Bone Lick, by Gen.	
· · · · · · · · · · · · · · · · · ·	460
	234
on the height of the New Hampshire White Hills taken by baromet-	(A) Z
	433
	515
on the hybernation of smallows	572
	323
	513
	489
	74
	154
	141
on ice islands	
on an improved piston	467
on the improvement of agriculture, &c	362
on improvements in calculating surveys	46 5
on the "improvement of government"	533
on improvement in propelling boats	417
on the improvement of river navigation	500
on improved ship pump4	475
	48 6
	105

Dane	wan Indian antiquities	PA	GE. 237
rape	er on Indian antiquities		512
	on Indian tribes	•	
	on eleven new species of insects		571
	on the irritability and contractility of nervous matter		
	on instruction in Denmark	•	605
	on Janus exantitor	•	238
	on Kentucky saltpetre caves	•	382
	on lamp oil	•	310
	on the language of signals	•	163
		161,	
	on Laplace's theory of the moon	•	500
	on the latitude and longitude of Baltimore	•	312
	of Washington	435,	
	on laudanum	•	85
	on the laws governing the communication of contagious diseases .		436
	on lead glazing		225
	on lead poison		187
	on lead cartridges		427
	on Lenni Lenape names		510
	on light		398
	on logarithms (new method)	233.	320
	on longevity	401.	402
	on longitude		
	on the longitude of Lancaster		320
	on looming		483
	1 At-4	-	311
	on lunar observations	-	161
	on Maclurita		512
	on Maclurite	-	358
	on magnitism		
	on magnetism		455
	on Malaxis correana		540
	on mammiferous animals of North America	•	373
	on the manufacture of cloth from the fur of seal skins		
	on Martin's cancer powder	•	141
	on Maryland weather	-	112
	on the mean diameter of the earth		474
	on the menomonies	-	562
	on a method of finding by addition alone, the sum of the products		
	any number of factors		458
	on the migration of the Hirundo rustica		409
	on the mineral soil of Boston	-	415
	on the mocking bird	-	49 5
	on the moon's motion	-	561
	parallax	•	489
	on mortification of the uterus		85
	on the motions of a body		574
	on the motion of the simple pendulum		48 3
	on muriatic acid gas in asphyxia		331
	on muscipula		333
	on the muscular structure of the eyelids		509
	on musical notation	. :	159
	on a natural and statistical view of Cincinnati		460
	on the natural history of the rattlesnake and horned snake	-	467
	on the natural turnpike supposed to have been the ancient souther	-	
	margin of Lake Ontario		426
	on a new astronomical theory	-	480
	on a new drawgate for water wheels	-	428
	OH WHO M GIGHPOID IN MANOT MITCOID	-	

			GE.
Paper on a new hydrant			517
receives a premium			518
on a new method of investigating conic sections			462
on a new plant			233
on a new process of bleaching			472
on a new theory of the world			473
on a new timepiece			296
on the Newtonian theory			482
on Niagara			385
on North American insects			489
on North American trees	• •	•	294
on the nourishment of the fœtus	• •	•	470
on the equilibrium of Aldebaren	٠.	•	364
on the occultation of Aldebaran			
of the Pleiades			
on ocean water			301
on Oniscus.			
on optical illusions			104
on an open stove	• •	• •	426
on organic vegetable remains discovered in fossils			470
on the origin of meteoric stones			420
on the origin of English words	٠.		342
on paper made from cotton			334
on paper obtained from the Morus rubra			422
on pernicious insects			364
on the Phalæena tinea	437.	438.	439
on Phalena granella			345
on Phytolaria decandria			232
on a plan of a city	• •	•	302
on a plan for exciting laudable ambition in schools of learning	• •	•	439
on a plan for a new saw mill			423
on planet's place, how to determine	• •	•	232
on the planets theory of the	• •	••	
on the planets, theory of the			155
on a planetarium	• •	299,	
on plaster of Paris as a manure			358
on polygons	• •	. 685,	
on population and longevity in the United States	٠.	•	169
on Portuguese geography		•	568
on the power of numbers		•	377
on the precession of equinoxes		•	362
not worthy of a premium			402
on the properties of Ginseng			568
on prevention of peach trees from decay			233
on proving cannon			333
on prussic acid			487
on quicksilver at Dover, N. H			435
on the saltpetre Mammoth Cave			427
on the sandstone, &c., formations of the Mississippi valley			504
on the seacoast of North America			126
on North Carolina coast returned			126
on ship's pump		•	233
on ship's sails, the management of	• •	•	209
on ships sheathed with leather	• •	•	209
on ship's way, how to measure	• •	117	
on shooting stars		117,	
on shooting stars	• •	•	307
on silk worms	• • •	•	308
on silk worms	• 98,	371,	
on a simple instrument to set up sun dials	٠.	•	474
	201		

	PAC	ЭE.
Paper on a snake in a horse's eye		142
	•	377
on solar eclipse of June, 1805	-	396
on Spanish and English analogies	-	331
on Sphea cœrulea	•	331 449
on sphenoidal sinuses	-	
on the soil of Kentucky	-	453
on spotted negroes	-	142
on spring block		
on square root		238
on steam, production of		177
on steam engines	338,	339
on a steam engine without a boiler	534,	535
on steering apparatus for air balloons		484
on stones found near Washington		401
on stopper for sewer openings		302
on stove rooms and greenhouses		146
on street lamps		241
on the submersion of swallows	•	330
on a substitute for canal locks	•	
		334
on sugar refining	-	
on sun spots		69
on the temperaments	-	314
on the temperature of water in a steam engine boiler	-	334
on the Territory of Arkansas		
on tetanus	-	141
on the tides (theory of)	•	210
on tides returned to author		403
on timekeepers		226
on tornadoes, hurricanes and waterspouts		84
on the trap-rocks of the Connewago hills		497
on the turkey		357
on turning mill wheels without a fall		417
on universal language	161.	232
unwholesomeness of marshes	. ′	234
on an urn stove		141
on uterine and marsupial gestation		362
on Vallisneria	-	309
on vanishing fractions	-	464
on the variation of the compass		
		396
on vegetable muscipula		135
on vegetation.		176
on ventilation		
on ventilators and lamp oil	-	310
on ventilation of ships		
on the vermilion color of the blood		387
on a Virginia poisonous plant		180
on a volcano, extinct, in North Carolina		180
on voyages		135
on warming rooms	-	312
on water in plants	-	300
on a water cement		120
on the Western countries		235
on Western fortifications		345
on White mountains		402
returned to author		
on Wildenow's Bartonia		323
on the winds of Anticosta		98
	-	

PAGE.
Paper on wooden bridges
on wool-bearing animals
on yellow fever
Papers in Rittenhouse's possession delivered up
Papyrus presented
Parallax of the moon
Park, Mungo, death of
Parker paid for a new eight-day clock
agrees to keep the clock in front of the Society's Hall in order gratis. 458, 459
Parrish, David, deposits a collection of coins on certain conditions 464
Parsnips preserved by drying
Partial paralysis of thorax
Partridge, Capt. A., paper by
Partridge with two hearts
Parts of the Hall to be rented
Paschall to surrender up Society's papers
delivers up second Vol. minutes
Passage of herrings, letter on
Passmore, donation from
Patent right presented to the Society
trunk dock
Path of solar shadow on horizontal plane
"Patriot of '76" 508
Patriotic Society of Milan
Patron of the Society, Governor to be
accepts
declines
present at meeting
notifies Gerard of his election
Patrullo cures snake bites
Patterson, Mr., paper by
borrows globes
telescope
describes a case of spontaneous combustion
Patterson, R., death of
funeral of
biography of
Patterson, R. M., elected annual orator
declines
Patterson, Dr., on the explosion of powder by electricity
removes from Philadelphia
paper by
Paupard's bill to be paid
Payment of subscriptions to the survey to be asked for
Pavement widened
Payments to be made by members
Peach tree, essays on
all to be produced
to be abridged
to be considered
preservation of
worms
withdrawn
Peach trees grown from cuttings
Peaches and plums, remarks on
Peacock flower
Peale, Chas., presents a copy of Martin's portrait of Franklin

PAGE.
Peale to draw tooth found at Tioga
Peale, C. W., letter of
ordered to paint Franklin
Rittenhouse
confers with the Society about his museum
desires to rent for his museum
lease recommended
executed
to summon the members
permitted to exhibit bust of Rittenhouse
presents his son to the Society, which names him Franklin 238
added to Catalogue Committee
makes a catalogue of Society's books
to arrange bones
essay on wood bridges
invites the Bottlety to a feeture
makes casts of mammoth
DOITOWS 6000
gives boild therefore
paper by, on warming rooms to be paginated.
desires to build a partition
agreed to
requests copies of the Megalonix bones
On the American anterope
withdraws the paper
receives skeleton of Asiatic elephant
renewed
executed
legal opinion on
applies for rooms
death of
C. W. and R. receive premium for best method of warming rooms 282
Peale's museum in the State House
first notice of
to be left in the Society's Hall
great growth of
removed to the State House and the surrender of his lease
desired
Peale, F., constructs a powerful magnet
Peale and Vaughan to act as ushers at the Rittenhouse eulogium 244
Pearson & Co.'s bill
Peas to preserve from bugs
Pecary bones found in Kentucky caves
Peck. Jacob. on the quadrature of the circle
Pedder, Jas., on the origin of coals
Pekenino presents engravings
Pelham E. denosits a map of Boston
Pemberton's meteorological observations,
Pen made of palladium, &c
Penalty for not returning or losing books
Pendulum, motion of the
Penington, E., death of
Penn. Governor, receives address 67
thanked
present at meeting

	PA	
Penn's charter presented to the Society	•	432
Penn, Granville, letter from		698
Pennsylvania, climate of	212,	684
first government in		491
geological survey of		693
inland navigation of		65
Howell's map of		212
productions requested for the King's cabinet		94
raw silk to be sent to Louis XVI	•	112
early history of	•	503
Agricultural Society capitor for a moon	590	
Agricultural Society applies for a room	230 ,	543
desires reduction of rent	•	
Academy Fine Arts presents portrait of De Serra		613
invites Society to address	•	424
Periodicals subscribed to		509
Perkins, Dr., of Boston, paper by	•	84
Perkins' metallic rods, paper on		255
Perkins, Jacob, on the compressibility of water		487
letter from		488
experiments with the pyrometer and bathometer		490
Perkinson's proposal to be printed in the newspapers		242
Perkiomen minerals		612
land are	•	377
lead ore	•	227
Permanent colors, researches on	-	464
Permission given the Linnean Society to meet in the A. P. S. Hall	•	
	407,	408
Persons chosen by the merchants to join in the Delaware and Chesapea		
canal survey	•	37
to summon committees		54
Peru, barometrical and meteorological observations in		470
Peruvian bark in yellow fever		391
ewer presented		622
minerals		622
mounds, &c		626
silver objects deposited	-	603
Peters', Dr., boy paid	•	84
Peters, J., letter from		
Petition for a public filature	100,	
retition for a public mature		49
An Alamana at and Alice and and	•	000
to Congress about the census		293
to Congress about the census	288,	290
to Congress about the census	288, 128,	290 134
to Congress about the census to the Legislature for funds. to Assembly for lot of ground in State House Square	288, 128,	290 134 97
to Congress about the census to the Legislature for funds. to Assembly for lot of ground in State House Square	288, 128,	290 134
to Congress about the census	288, 128,	290 134 97
to Congress about the census to the Legislature for funds. to Assembly for lot of ground in State House Square	288, 128,	290 134 97 112 96
to Congress about the census to the Legislature for funds. to Assembly for lot of ground in State House Square	. 288, , 128, 	290 134 97 112 96 393
to Congress about the census to the Legislature for funds. to Assembly for lot of ground in State House Square	. 288, , 128, 	290 134 97 112 96 393 173
to Congress about the census to the Legislature for funds. to Assembly for lot of ground in State House Square	. 288, 128, 	290 134 97 112 96 393 173 474
to Congress about the census to the Legislature for funds. to Assembly for lot of ground in State House Square	. 288, , 128, 	290 134 97 112 96 393 173 474 378
to Congress about the census to the Legislature for funds. to Assembly for lot of ground in State House Square	. 288, , 128, 	290 134 97 112 96 393 173 474 378 308
to Congress about the census to the Legislature for funds. to Assembly for lot of ground in State House Square	. 288, , 128, 	290 134 97 112 96 393 173 474 378 308 65
to Congress about the census to the Legislature for funds. to Assembly for lot of ground in State House Square	. 288, , 128, 	290 134 97 112 96 393 173 474 378 308 65 146
to Congress about the census to the Legislature for funds. to Assembly for lot of ground in State House Square	. 288, , 128, 	290 134 97 112 96 393 173 474 378 308 65 146 674
to Congress about the census to the Legislature for funds. to Assembly for lot of ground in State House Square	. 288, , 128, 	290 134 97 112 96 393 173 474 378 308 65 146 674 15
to Congress about the census to the Legislature for funds. to Assembly for lot of ground in State House Square	. 288, , 128, 	290 134 97 112 96 393 173 474 378 308 65 146 674 15 37
to Congress about the census to the Legislature for funds. to Assembly for lot of ground in State House Square. 127 to the Governor. of the Society respecting silk culture. to erect an observatory. Petrifactions . 117, 123, 169, 170 Petroleum from Oil creek. Petromyzon. Peyrouse, paper by Phenomena at Baton Rouge. of light, remarks on Philadelphia, Cercle des. Philadelphia, mortality of. transit of Venus to be observed at Philadelphia Library Company loans telescope conference with.	. 288, 128,	290 134 97 112 96 393 173 474 378 308 65 146 674 15 37
to Congress about the census to the Legislature for funds. to Assembly for lot of ground in State House Square	. 288, 128,	290 134 97 112 96 393 173 474 378 308 65 146 674 15 37

	PAC	Œ.
Philadelphia Library Company refuses to occupy Society's Hall		169
lease to		168
Philosophical apparatus to be arranged		257
Societies, list of, reported		63
Philo-Franklin, letter from		185
paper by	•	201
Phonology, English		471
Phosphate of lime from Mercia presented		416
Phosphorus, effects of, on the human system		624
Phlogiston, paper by Priestley on	, 277,	
Phrenological Society requests a room in the ${\bf A}.{\bf P}.{\bf S}.$ and is refused		512
Physick, P. S., death of		710
Pickering, C. W., Dr., paper by		570
borrows books		703
resigns		706
Pictet, of Geneva, proposes exchanges		471
Picture, authentic, of Copernicus presented		231
writing, Indian	•	254
Pigments from Northumberland county	•	405
Pillars of Hercules	•	383
Pinckney, C. C., letter from		362
to receive seeds	-	324
Pine trees injured by worms		362
Pipe, flesh-colored Indian, presented	•	237
Piquea, observations from	•	16
Piston, improvement in	•	467
Pit coal presented	•	399
Plan for encouraging the manufacture of paper		97
	•	
for a catalogue proposed		515
for a catalogue proposed		515 106
for a catalogue proposed	:	515 106 466
for a catalogue proposed	:	515 106
for a catalogue proposed	be	515 106 466 40
for a catalogue proposed	be	515 106 466 40 258
for a catalogue proposed	be , 261	515 106 466 40 258 269
for a catalogue proposed	be , 261	515 106 466 40 258 269 457
for a catalogue proposed. for incorporating the Society to be prepared for calculating surd decimal fractions. of a canal between Chester river and Duck creek. for collecting information as to North American antiquities to framed. reported	be , 261 . 455,	515 106 466 40 258 269 457 131
for a catalogue proposed	be , 261 . 455,	515 106 466 40 258 269 457 131 143
for a catalogue proposed. for incorporating the Society to be prepared for calculating surd decimal fractions. of a canal between Chester river and Duck creek. for collecting information as to North American antiquities to framed. reported. 258, 260 of historical research proposed by Dr. Wistar. of Society's building. changed. for a universal written language.	be , 261 . 455,	515 106 466 40 258 269 457 131 143 232
for a catalogue proposed. for incorporating the Society to be prepared for calculating surd decimal fractions. of a canal between Chester river and Duck creek. for collecting information as to North American antiquities to framed. reported. 258, 260 of historical research proposed by Dr. Wistar. of Society's building. changed. for a universal written language of a snow plough	be , 261 . 455,	515 106 466 40 258 269 457 131 143 232 85
for a catalogue proposed. for incorporating the Society to be prepared. for calculating surd decimal fractions. of a canal between Chester river and Duck creek. for collecting information as to North American antiquities to framed. reported	. be . , 261 . 455,	515 106 466 40 258 269 457 131 143 232 85 305
for a catalogue proposed . for incorporating the Society to be prepared . for calculating surd decimal fractions . of a canal between Chester river and Duck creek . for collecting information as to North American antiquities to framed . reported		515 106 466 40 258 269 457 131 143 232 85 305 322
for a catalogue proposed. for incorporating the Society to be prepared for calculating surd decimal fractions. of a canal between Chester river and Duck creek. for collecting information as to North American antiquities to framed. reported	be , 261 . 455,	515 106 466 40 258 269 457 131 143 232 85 305 322 322
for a catalogue proposed. for incorporating the Society to be prepared for calculating surd decimal fractions. of a canal between Chester river and Duck creek. for collecting information as to North American antiquities to framed. reported	be , 261 . 455, 	515 106 466 40 258 269 457 131 143 232 85 305 322 322 308
for a catalogue proposed . for incorporating the Society to be prepared . for calculating surd decimal fractions . of a canal between Chester river and Duck creek . for collecting information as to North American antiquities to framed . reported	be , 261 . 455, 	515 106 466 40 258 269 457 131 143 232 85 305 322 322 308 428
for a catalogue proposed . for incorporating the Society to be prepared . for calculating surd decimal fractions . of a canal between Chester river and Duck creek . for collecting information as to North American antiquities to framed . reported	be , 261 , 455, . 302,	515 106 466 40 258 269 457 131 143 232 85 305 322 322 308 428 423
for a catalogue proposed. for incorporating the Society to be prepared for calculating surd decimal fractions. of a canal between Chester river and Duck creek. for collecting information as to North American antiquities to framed. reported		515 106 466 40 258 269 457 131 143 232 85 305 322 308 428 423 300
for a catalogue proposed. for incorporating the Society to be prepared for calculating surd decimal fractions. of a canal between Chester river and Duck creek. for collecting information as to North American antiquities to framed. reported		515 106 466 40 258 269 457 131 143 232 85 305 322 308 428 423 300 220
for a catalogue proposed . for incorporating the Society to be prepared . for calculating surd decimal fractions . of a canal between Chester river and Duck creek . for collecting information as to North American antiquities to framed . reported	. be . , 261 . 455,	515 106 466 40 258 269 457 131 143 232 85 305 322 308 428 423 300 220 232
for a catalogue proposed. for incorporating the Society to be prepared for calculating surd decimal fractions. of a canal between Chester river and Duck creek. for collecting information as to North American antiquities to framed. reported	. be . , 261 . 455,	515 106 468 40 258 269 457 131 143 232 85 305 322 308 428 423 300 220 232 126
for a catalogue proposed . for incorporating the Society to be prepared . for calculating surd decimal fractions . of a canal between Chester river and Duck creek . for collecting information as to North American antiquities to framed . reported	. be . , 261 . 455,	515 106 466 40 258 269 457 131 143 232 85 305 322 308 428 423 300 220 232 126 58
for a catalogue proposed. for incorporating the Society to be prepared for calculating surd decimal fractions. of a canal between Chester river and Duck creek. for collecting information as to North American antiquities to framed. reported258, 280 of historical research proposed by Dr. Wistar. of Society's building. changed. for a universal written language of a snow plough of a city. of Washington city. of Mussel shoals, Tenn. for meteorological observations. of the city of Germany, Pa. of a saw mill. Planetarium. Planets, eccentric anomaly of. true place of. Planting of a botanical garden Plants, catalogue of Good Hope		515 106 466 40 258 269 457 131 143 232 85 305 322 328 428 423 300 220 232 126 58 73
for a catalogue proposed. for incorporating the Society to be prepared for calculating surd decimal fractions. of a canal between Chester river and Duck creek. for collecting information as to North American antiquities to framed. reported		515 106 466 40 258 269 457 131 143 232 85 305 322 322 322 322 428 423 300 220 232 126 58 73 341
for a catalogue proposed. for incorporating the Society to be prepared for calculating surd decimal fractions. of a canal between Chester river and Duck creek. for collecting information as to North American antiquities to framed. reported		515 106 468 40 258 269 457 131 143 232 85 305 322 308 428 428 428 300 220 232 126 58 73 341 504
for a catalogue proposed . for incorporating the Society to be prepared . for calculating surd decimal fractions . of a canal between Chester river and Duck creek . for collecting information as to North American antiquities to framed		515 106 468 40 258 269 457 131 143 232 85 305 322 308 428 428 300 220 232 126 58 73 341 504 570
for a catalogue proposed. for incorporating the Society to be prepared for calculating surd decimal fractions. of a canal between Chester river and Duck creek. for collecting information as to North American antiquities to framed. reported		515 106 468 40 258 269 457 131 143 232 85 305 322 308 428 428 300 220 232 126 58 73 341 504 570

PAGE
Plaster of Paris as a manure
Plaster profile of Dr. Priestley
Plates of Transactions lost
Platina
experiments on
volatilized by Hare
presented by Hare
Pleiades, occultation of
Plitz, Mr., on weights and measures in Pennsylvania
Plœffel's telescope
bought by the Society
Plough, invented by Joshua Gee
model of
Pneumatometer
Pneumato-hydrostatical, drawing of
Pocahontas, account of her descendants
Poinsett, J. R., describes an old cypress tree at Oaxaca
Poinsett's donations
Poinsett and Keating present Mexican antiquities
thanked
Collection Committee on, report progress
finish same
Poison of the rattlesnake
of vegetables
Poisonous honey
plant, a. 180 Pole, E., letter from 205
model of a silk reel
thanked
donation from
donation from 184
donation from
donation from
donation from
donation from 184
donation from

Postponement, two, of a candidate for membership equivalent to a with-	G.E.
drawal	243
of annual oration	
Potatoes, &c., prevent incrustation in boilers	620
Potocki's (MS) travels in Russia	574
Potter's Field to be turned into a botanical garden	464
Pottery made in Lancaster county	329
Pottsville, meteor seen at	687
Pougens, Chas., death of	648
obituary of	670
Poulson, Z., account of, to be paid	199
Powdered sago	24
Powel, Jos., letter of	197
Power of numbers	377
Poyntell, W., thanked	343
Prairie squirrel, paper on	272
Preble medal	402
Precession of the equinoxes	362
Preface to the Transactions	60
Vol. I., N. S	4 75
Premium for silk worm cocoons	49
Magellanic, value of the	150
postponed a year	217
award of laid over	166
to be offered	229
essays for the annual	177
examined	135
awarded	211
for essays on Useful Knowledge	228
Committee on	230
to report	258
conditions of	231
for essay on street lamps	2 31
for essay on ship's pumps	233
for essay on education	
report on same	268
for essay on preservation of peach trees	231
for essay on best construction of stoves, &c	231
for essay on American vegetable dyes	231
for essay on longitude	231
communications for	
considered	
papers, list to be made of	274
awarded to C. W. and R. Peale for essay on warming rooms	282
Premiums not awarded	402
subjects for, recommended by Council	446
to be awarded by the city under the John Scott legacy	489
Presbyterian Church, First, oration on Rittenhouse to be delivered at	243
Presents acknowledged	128
	8, 82 54
Presentation of natural curiosities	113
of minute book before 1769	
of Transactions to various persons	2, 03 171
of peach trees	
President General of the United States, letter from	191
of the United States accepts invitation to be present at the Franklin	-01
eulogy	191

	PAGE.
President of Pennsylvania requested to be Patron	
President of the Society, duties of	26
repaid £25	
elected	
to deliver annual address	577
Presidents of the Society, portraits of the, to be obtained	603 75
Preternatural birth near Bristol	75 71
of leaky roofs	371
Price of Transactions	
Priestley's new treatise on optics	74
experiments	163
MS. of his experiments on phlogiston	124
portrait presented by Mrs. Wistar	480
profile in black leather presented	350
plaster, profile of	196
congratulatory address to	223
answer to same	224
analysis of air	237
paper on the generation of water from air	237
chosen annual orator	248
declines the appointment	248
dinner to	334
essay replied to by Woodhouse	277
papers by	
letter on phlogiston	
eulogium on	
letters from	75, 34 5
thermometrical observations by	481
Priestman, Wm., Library of	617
Prince, Rev. Dr., death of.	689
Prince of Peace, letter from	372
Pringle, letter of, in relation to Cook's last voyage	98
Printer to be obtained for Transactions	439
to the Society, Bradford appointed	25
Printers refuse any longer to advertise the meetings of the Society gratis.	129 420
Printing types from Fry & Co	184
from Abel Buel	41 40
room	434
Prior, Thos., meteorological observations by	17 318
Prisons of Philadelphia, pamphlet on the	237
Privies, construction of	443
Prize essay No. 1 read	247
to be analyzed	248
given for essays on education	265
Committees to report	254
essay on peach trees for the	266
for essay on education to be advertised	266
awarded to Mugford's rudder	372
given for model steering apparatus	4, 415
Prizes recommended	209
to be given.	210
offered by Academy of Sciences, Lyons	112
Probabilities, theory of	497
Proceedings in 8vo form, proposition to publish	
not expedient	598

	GE.
Purchase of stock Insurance Company of North America for Magellanic	
Fund	239
Purity of air to be tested	329
· ·	, 97
Pyometer	490
Pyrites as manure	335
cubic, from Lancaster	377
Pyrometer, Monk's	362
Python dissected by Dr. Hopkinson	628
Q.	
	150
Quadrant, on the use of the	158
improvement in the	128
Hadley's	
Quadrature of the circle	551
Qualifications for membership	
Quantity of homespun made in Lancaster	56
Quebec, minerals found near, presented	423
to be reported on	423
Queries from De Condorcet	93
Raynall	93
on magnetism	178
requested by Högelmüller	398
as to roofing and stuccoing uses of East Indian chunum 407, 408,	
Questions for the extra Magellanic Premium	373
Quicksilver found at Reading	344
Quincy, Josiah, letter from	596
Quorum, twelve members to be a	7
thirteen members to be a	356
not present for election of members	573
R.	
Radish and red beet	184
Rafinesque on the ancient languages of America	558
Rafn, letter from	614
Raguet to prepare sketch of Lorich	701
	679
Rain, Franklin's hypothesis of	707
Espy's hypothesis of	707
produced by fires	66
fall, to be observed	176
at Yorktown, Va	66
gauge, Nairne's	
on Society's Hall	
Randolph, Dr. Jacob, paper by	606
Randolph, R., presents plan of the siege of Yorktown	619
Rat, new, exhibited	330
Ratios, ultimate, essay on	72
Rattlesnake, drawings of	323
poison	
bite, how cured	
natural history of	467
Rattlesnake's power of fascination, paper on	220
described by Dr. Harlan.	571
Rawle, Wm., to act as counsel for the Society	262
presents electrical machine	249
obituary of De Witt Clinton	57

	LAGE
Rawle, Wm., to prepare obituary notice of Z. Collins	. 617
prepares sketch of De Witt Clinton	617, 623
death of	
Raynall's queries not proper	. 93
Reading, curiosities found near	. 344
quicksilver found at	. 344
Real, Count, letter from	. 543
Real estate of Society limited to annual rental	. 106
Reception of books sent from abroad delayed two years	
Recherches sur l'Asterie des Anciens	395, 397
sur les maladies de St. Dominique	. 163
Recommendation of Williamson's proposal	. 70
Records, earliest	. 1
of Swedish Churches to be copied	. 358
Record Commission of Great Britain sends fifty-one Vols	. 660
Red dyes	. 307
Red-root tea plant	
Reddich, D., donations from	. 175
Rediger to be paid	
Rediger, Jno. C., appointed janitor.	. 220
Reduction of annual subscription	. 166
Reed, President, present at meeting	. 101
Reel, new silk.	. 97
Ree's Cyclopedia donated	. 508
Reflecting sector, an appendage to the	. 473
Reform of the French calendar	. 218
Register, meteorological, new plan of	. 13
Regularity of motions of the heavenly bodies, Rittenhouse's letter on .	
Regulations for the Library	
Regulator of pendulums, letter on	. 167
Reich, medal of Franklin by	. 547
Relief of abscess of lungs by Bristol water	. 65
Remarkable lightning	. 174
child born at Woburn	. 79
case of lightning stroke	. 184
twelve-sided stone found near the Ohio	. 208
Remarks on education,	. 247
on light	
Rent, of cellars	
reduction of, asked for by College of Physicians	
not granted	. 449
Renting of school-house	
Repairs for observatory	
to Dickinson's telescope	
Repetition of minutes	. 615
Reply of Dr. Franklin to address	
Report of Auditing Committee	
of Committee on Silk Culture	
of Committee on Transit of Venus	. 124
of Committee of Transactions	. 124
of French Committee on Mesmerism	
of Building Committee	. 143
of committees to be read paragraph by paragraph	
of Chesapeake and Delaware Canal Committee	
of committee to confer with paper makers	. 157
Una ana CULLOMI DI LEU CODOLTO	. 1135

PAGE.
Report on Buel's types
on chalybeate waters
on Cunningham's theory of tides
on Marshall's paper on solar maculæ
on John Churchman's paper on magnetic variation 148
on Churchman's paper
on Meyer's paper
requested from Committee on Seal 55
"Republican schools"
Request for assets of Silk Society
for payment of survey subscriptions
of Pennsylvania productions for the King's cabinet 94
Researches of botanists, which the more profitable, modern or ancient 218
Resignation of Hopkinson as Treasurer 146
of a member53
of Dr. Patterson
Resina de Catalas
Retinasphalt from Maryland
"Retrograde"
Return of books desired
of W. Loughton Smith's engravings
Revision of By-Laws
of the Constitution
of list of members
Revival of meetings
Revolution in America, causes of the
Reynolds, James, bill for framing Franklin's portrait 203
Reynell's queries
Rhoads to be paid
Rhodium and palladium, to separate
Rhubarb, American and Russian
Ribbon, bill for
Richmond, academy at
Ridgeley, Dr. Fred., paper by
Rioters at the University to be prosecuted
Rittenhouse requested to deliver annual address
consents to do so
delivers the same
takes charge of library and cabinet
elected Librarian
makes an orrery
makes an orrery for Louis XVI
pays off Hopkinson's mortgage
rents Arch street lot
elected President
answers address
letter from
papers by 58, 62, 111, 119, 121, 124, 134, 136, 188, 189, 204, 226, 231, 232, 233
thanked
discovers a comet
meteorological observations requested from his executors 303
bust of, by Ceracchi
executors of, to be asked for the Michaux funds
account of the comet
POPPLE VIOLEDITUS CHATTHEU DV SHAKES

PAGE.
Rittenhouse, paper by, on magnetism
on the late discovered planet
receives Matlack's papers and seal of the Society
paper by, on the earth's changes
sends astronomical observations
experiments on blacklead for lightning rods
experiments on steel springs
paper by, on improvement of time-keepers
paper by, on expansion of wood by heat
paper by, on true place of a planet
paper by, on a new way of calculating logarithms
observes the conversion of cameos into intaglios
problem solved by E. Nulty
death of
eulogy on
guests invited to hear the same
Peale and Vaughan to act as ushers at the delivery of the eulogium 244
portrait of, to be painted by Peale
Rittenhouse, Mrs., returns to the Society the box presented by Earl Buchan
bequest of
to be invested
gives deed for same
Society agrees to do so
clock and transit instruments presented to the Society 421, 422
Fund, state of 386, 400, 405, 416, 421, 424, 445, 451, 500, 515, 524, 535, 547, 607, 622,
1 tild, state of: 500, 400, 400, 410, 421, 421, 430, 401, 500, 510, 521, 500, 511, 501, 5021, 500, 511, 501, 5021,
River navigation, to improve
Rives, W. C., letter from
Robbery of coins from the Royal Library at Paris
Roberts to be paid
bill presented for floor laying
Roberts, Jos., Jr., death of
Robinson, Ebenezer, design for a new fireplace
thanked
Robertson, Eben, clears wells of fixed air
Robotham, R., paper by
Rock crystal from La Plata
from Madagascar
from Washington city
inscriptions at Indian creek
salt from Santa Fé de Bogota
from Missouri
Rocky mountain plants
Roebuck, J., thanks to
Rogers, H. D. and W. B., paper by
Roman coins presented by Jefferson
to be labeled
Romanzoff, Count, presents bust of himself
Romanzoff, Count, presents bust of himself
letter from
letter from
letter from

PAGE.
Romans, B., letter on Floridian kalmia 90
improves the compass
presents a drawing
attends the Society
exhibits a chart of the new ceded countries
thanked
Room of the Society to be cared for at four shillings a night
to be made more comfortable
to be open every Tuesday evening
Rumford fireplace to be opened in
in Philadelphia Library asked for by the Society
refused by the Society
asked for in Carpenters' Hall
•
Rooms leased to the Athenæum
to Jno. Vaughan
to warm
Roots and barks, a book made of
Rose apple, seeds of
Ross, Charles, presents lava
Roume, letter from
Rousseau, J. B. C., thanked
Roxborough, Dr., letter from
Roxbury, W., presents sundry Asiatic plants
Roxburgh, Dr., letter from
presents Sanscrit grammar
Royal Society Transactions to be completed
Society presents Transactions
Society Transactions nearly completed
Society awards gold medals
Academy, Turin
Irish Academy sends Transactions
Library of Milan desires exchanges
Rozier, Abbé, letter of
Rudder invented by Capt. Mugford
receives a prize
Rules for the Magellanic Premium
for magic squares
Rules, new
to be examined
of order
for the Library
reported on
for the election of members
Rumford to receive Transactions sent to
letter from
Rumford fireplace to be opened in the Society's room
Rumsey, Jas., letter of
sends descriptions of inventions by himself 160
Rumsey's steamboat
inventions ingenious
principle appears just
improvements on Barker's mill
Rusconi's request
Rush, Dr., delivers annual oration
delivers eulogy on Rittenhouse
eulogy to be published
CHAUMIT LU NO PUNISHIOU

PAGE.
Rush thanked
papers by
paper by, on stramonium
paper by, on effects of cold
enquiry by, into sleep and dreams
observations on mineral waters
paper by, on laudanum
dissertation on bilious fevers in Pennsylvania
paper by, on tetanus
paper by, on Martin's cancer powder
on common sense
dissertation by, on old age
on the sugar-maple tree
memoir on the negro's color to be printed
Russian foundling asylums 604
goat's wool shawl presented
rhubarb
Ruston's letter on smoky chimneys
Transfer before an among an arrange of the contract of the con
2000 and 00 00 00 00 00 00 00 00 00 00 00 00 00
Rzewusky, Count, presents Les Mines d'Orient 574
S.
Sago tree, seeds of
powdered
Sails of a windmill, the best angle for
Sur design, purpose sty in the control of the contr
Sold and the control and the c
donations it can be a second as a second a
Salary of janitor
of Librarian
Salazar, M., present MS. vocabulary
letter from
Sale of Arch street lot proposed
ordered
consummated
of Observatory ordered
of Transactions to be advertised
Saltpetre from Kentucky
caves
Sample of West India sheep's wool
Sand, &c., from the eruption at St. Vincent's, W. I
Sand hills of Cape Henry, memoir on
Sandiford's, Dr., account of the Barbadoes epidemic
letter from
Sanscrit grammar presented
Sandstone formation of the Mississippi valley
Sansom presents medals of Washington
bust of Franklin
Sargent, Col. Winthrop, letter from
Sarracenia, a new genus of
Saunders, S. H. Jr., invents a rule to determine how many 1000 ems are
In a page of any state of February
paper of the transfer of the t
Sawdust, &c., prevents incrustations in steam boilers
Say, T., paper by

	GE.
Say, T., to join U.S. Northwest Exploring Expedition	483
death of	660
Ord to prepare eulogium	660
Scale beams, letter on	169
Scantling and paving to be paid for	148
contracted for by Building Committee	169
Schæffer's Papierversuche	375
letter from	491
Schæffer, F. C., borrows books	507
Schedule of business referred to committees	243
Scheme to encourage silk manufacture	49
for a public vineyard	75
for increasing the cabinet	52
Scheveter, letter from	188
School house rented	52
Schuckmann, Baron, donation from	570
Schultz, B., letters from	900
papers by	
death of	655
Schuylkill falls to supply Philadelphia with water	268
Schweinitz, paper by	616
death of	648
Society regrets the	649
Science as connected with the rise and fall of empires	473
Scott, John, legacy of	, 502
Scull's prospect of Philadelphia presented	424
Sculpture, curious Indian	196
Scythes, machines for working	66
Seacoast of North America, observations on	115
Seal to be prepared	54
authorized	54
committee to report a	5, 56
continued	56
enlarged	57
te act at once	59
sketches of a, produced	57
	7, 78
to be got from Dr. Ewing	108
delivered up by Matlack to Rittenhouse	121
affixed to deed for Arch street lot	202
press to be procured	322
impression of, granted Miss Aiken	343
of the Society lost.	587
found	588
	373
Seal skins, to make into cloth	27
Secretaries, duties of	
to answer foreign correspondents	103
to examine papers for publication	103
to acknowledge communications	118
to distribute notices of the premiums offered by the Society	242
	243
to report on unfinished committee business	
to report on unfinished committee business	
to report on unfinished committee business	
to report on unfinished committee business	688
to report on unfinished committee business	688 19
to report on unfinished committee business	688 19 18
to report on unfinished committee business	688 19

FAGE.
Seeds of the somo
sunflower
sent to Wm. Hamilton
Gen. Pinckney
and plants, how to bring over
presented by Capt. M. Lewis
to be tested by Wm. Hamilton
Seixas, Mr., donation from
Selenotopographical fragments by Fleckeisen
Sellers, Nathan, invents a new and simple rolling drawgate applied to water wheels
Semen Badiananisam Stellatum
Sergeant, Mrs., confers with the Society relative to reconveyance of the
Rittenhouse observatory
presents Rittenhouse's astronomical instruments
presents bust of Jefferson
Serpents, fascination of
Settlement of the effects of the Silk Society
of Pearson's account
Settlers in Virginia
Sextant, Hoppes'
Sexton of Christ Church to take charge of Society's Hall key
Seybert, Adam, presents statistical works
to arrange and catalogue minerals
borrows books
papers by
requested to report on the minerals of the Society
resigns the appointment
Seybert, H., paper by
presents portrait of Dr. Wistar
analyzes chrysoberyls
hydraulic lime
Shadow, solar, path of, on horizontal plane
Shagreen fish skin
Shaler, Wm., writes particulars of the death of Mungo Park
letter from
paper by
Shark's teeth loaned to Dr. Barton
jaw
Shallus' bill to be paid
Shattuck's paper on the White Hills
returned to the author
Shaw, H. G., letter from
Shawl from Russian goats' wool presented
Shells
collection of, presented
from Ava
from the Holstein river
from Pennsylvania and New Jersey mountains
from the Santee
duplicate, to be exchanged
new
Ship Ganges
Halcyon
Martha
Superior

I ACE.
Ship Ulysses
Shippen, E., letter of, in reference to the stamp act
Ship-pumps, prize essays on, presented
model of
improvement in
Ship-sails, to manage by machinery
essay on to receive a prize
Ships, ventilation of
Shipwrecked mariners, Fothergill on
Shooting stars
Short, W., presents American medals
deposits his books
Process substitution of the state of the sta
Short, Dr. C. W., donations from
describes ancient fortifications near Lexington, Ky
Siberian barley
Sibley, Dr. John, letter from
Siege of Yorktown, plan of
Signature of members to be obtained in a book
Sign language.
Silk, American
culture, address to Assembly respecting 50, 51, 60, 112
in Pennsylvania
recommended to the United States
letter of Franklin respecting
worm, the whole process of the
eggs of, to be distributed
worms, report on, by Dr. Mease 602
dyed with American red-root
manufactory, to be encouraged
machines
Pennsylvania
sent to Louis XVI
reel, model of a new
Society's assets to be obtained
from Maryland
The state of the s
Silliman, analyzes meteoric stones
Simitiere's collection to be examined
Simplicity
Sims, Mr., thanked
Sinopian earth
Six Committees created
Skeleton of an elephant presented by the Asiatic Society . vide elephant 380, 410
Sketch of the Society to be prepared
Sketches of seal produced
Skimmi, seeds and flowers of
Slavery
Sleep and dreams, enquiry into, by Dr. Rush
Slow rate of transatlantic communication 154
Small, Abraham, proposes to print Transactions
offers to sell the Society Vol. I and II Transactions
offer accepted

PAGE.
Smith, Dr. A. G., paper by
Smith, Dr. A., performs lithotrity 616
Smith, Charles, death of
Smith, D. B., to prepare an obituary notice of Jos. Roberts, Jr 675
obituary notice of R. Haines
Smith, Jona., paper by, on a water cement
Smith, Jos., deposited his engravings
receives them back
Smith, J. R., thanked
Smith, R., thanks to
Smith, Dr. S., delivers the annual oration
thanked
prize awarded to
declines the prize
Smith, T., letter of
paper by
,,,,,,
legacy of
Smith, Rev. Dr. W., oration by
•
thanked
to receive a Vol. Transactions
Smith, W. L., engravings of, accepted as a deposit
returned at his request
thanked
Smith's account referred
ordered paid
Smithers paid balance
Smoky chimneys, letter on
Smut in wheat, how to destroy
Snake in a horse's eye
Snake bites, cure for
Snake-charmed birds
Snow plough, plan of a
shoes presented
Society, original formation of the
articles of union agreed on
sketch of the, to be prepared
Proceedings of the, to be published in the newspapers
Cabinet of the
refuses room of Philadelphia Library
thanks Committee on Chesapeake and Delaware canal 51
offered the Church school-house
rents same
authorizes a seal
considers the state of its funds
waits on Governor Penn
declines Leacock's proposal for a lottery as illegal
possessions to be reclaimed by the Curators
meeting of the, to be postponed
meetings of the, interrupted by the war
to receive arrears of dues
can sue for same
plan for incorporation of the

	PAGE	ı.
Society, bill for the incorporation of the, read	. 10	6
stock of the, to be increased	. 10	
effects of the, to be removed to Carpenter's Hall	. 10	
to sell a building in the State House yard		
papers of the, to be delivered up by Dr. Smith	. 11	
cellar of the, secured against frost	. 13	
goes in procession to the University	141, 14	8
meets at Franklin's house	154, 17	4
refuses to occupy building jointly with the Philadelphia Librar	y	
Company		
borrows money from Franklin		
resolves to meet in its new Hall		
meets for the first time in its new building		-
effects of the, to be placed in its Hall		
rents cellars to Vaughan		
hears eulogy on Franklin		
does not meet on account of the yellow fever		3
in a languishing state		
confers with Peale about his museum		
considers Peale's proposal to rent portion of the Hall for his museum		
can only lease Hall for public uses		
waits on Dr. Priestley		
inquires into offering premiums	-	
names Mr. Peale's son		
loans its telescope to the Secretary of State	-	
reconveys same to her executors		
calls for return of its books	. 25	4
elected a member Royal Society, Valencia		
insures Hall, &c		
goes in procession to the First Presbyterian Church	-	
sued by Bache		
employs Mr. Rawle to defend it in Bache's action		
funds, state of the		
vide also Auditing Committe		
borrows money		70
property to be secured		/4
hears oration/(1799) at the University		/9
invited by Peale to a lecture		14
mourns for Washington	. 28	9
loans \$500 to Peale	. 31	4
gives a dinner to Dr. Priestley	. 33	14
subscribes to Michaux's Flora Americana	. 84	5
orders its Hall to be open every Tuesday evening		
orders a fireplace on the Rumford plan to be opened in its room		
goes in procession to the Priestley eulogium		
petitions the Legislature to exempt the Magellanic Fund from taxes		
reprimands dilatory committees		6
orders the meteorological observations in its possession to be at		
stracted for publication		
possesses the models referred to in DeLisle's crystallography		
purchases Pennsylvania loan		
invited to hear an eulogium of Dr. Woodhouse		
to annual oration before the Pennsylvania Academy of Fine Arts		
goes there in a body	. 42	
receives Rittenhouse's astronomical instruments	. 42	
resolves to form a historical branch	. 42	y

	PAU	
Society buys Westring's Swedish Mosses	. •	442
leases the Peale rooms to Sully	. •	434
reserves the N. E. second-story room from the lease		434
goes in procession to the funeral of Vice-President Jona. Williams.		454
desires to use Centre Square house as an observatory	-	46 4
applies to Councils for the use of same	-	464
grants the Linnean Society permission to meet in its building	-	464
considers using the Potter's Field as a botanical garden		464
declines to grant Linnean Society use of its rooms		465
goes to the funeral of Mr. Dallas		469
receives proposals for leasing vacant rooms		469
accepts Sully's proposal		469
leases the Centre Square house for an observatory		476
thanks Councils		477
attends Dr. Wistar's funeral		478
petitions Congress to exempt its books from Custom House duties.		489
to cooperate with the city in awarding premiums		489
considers the state of its Library and catalogue		485
releases the State House yard to the City		494
purchases Ord's collections		498
Ord's books		510
expresses its regret at the departure of M. Correa de Serra		498
leases rooms to the Athenæum		
orders a survey for the Chesapeake and Delaware Canal		504
revives the scheme for the Chesapeake and Delaware Canal		504
looks into the system of weights and measures in Pennsylvania	-	506
finds it to be not expedient to act upon the subject	-	507
orders a memorial to Congress for free books		508
orders a complete set of books, &c., to be made		510
leages rooms to Vanghan	•	511
leases rooms to Vaughan		593
subscribes for Ferussac's Bulletin	-	593
grants Hazard's request	-	593
mourns for M. Stockler	-	595
examines Tanner's atlas		
desires better accommodations		
desires observations on magnetic variation		598
resolves to obtain portraits of all its Presidents		603 605
grants Del Rio minerals for analysis		
considers the report on its fundamental laws		607
orders astronomical observations to be made		613
loans geological specimens to Featherstonehaugh		614
attends the funeral of Z. Collins		617
purchases some of Wm. Priestman's books	•	617
gives Academy of Natural Science casts of mammoth bones	•	618
buys books from Jefferson's library		621
orders investments		622
refuses to put another story on its Hall		523
attends the funeral of President Dr. R. Patterson		531
sends a letter of condolence to the family of Dr. Patterson		531
tenders a reception to La Fayette		532
revises its laws		
widens its pavement		544
exchanges books with Barth	•	562
passes resolutions upon the death of Count Lasteyrie	•_	563
passes resolutions on the death of C. W. Peale and attends his funer		564
to request the Legislature for \$500 to publish valuable historical doc		
ments		
request of, not to be presented		575

	PAG	z.
Society passes resolutions of regret on the death of Wm. Tilghman		66
funds to be invested		47
to be changed		49
mourns for Count Romanzoff		52
subscribes for Rafn's book		52
mourns for Jefferson		56
John Adams		
passes resolutions on death of De Witt Clinton		78
orders obituary of, to be prepared		78
confers with the Athenæum as to renewal of lease		78
orders alterations in its Hall	-	82
purchases its Transactions from Abr. Small		82
orders a revision of its laws	. 5	85
reduces the Athenæum's rent	586. 5	
to order a barometer, thermometer and hygrometer		91.
declines to do so	. 5	92
to keep meteorological and thermometrical observations	. 5	9 1
declines to do so	-	92
considers the project of a fire-proof building for all the societies i		-
Philadelphia		12
desires to sell its lot in Independence square		14 44
resolutions of the, on the death of La Fayette		5 3
abandons project of a new hall	. G	54 54
meetings of the		
buys a Plöffel telescope		74
invited by Councils to Binney's eulogium on Marshall		75
introduces gas into its Hall		
rents its Hall to the City		
orders a new edition of the Catalogue		87
orders its transit instrument to be put in order	. o	88
mourns for Bishop White	. U	89
desires the minutes of the Provincial Council of Pennsylvania . 691,	. U	
statement of its progress from 1744 to 1836		96
loans books to the Wilkes South Sea Expedition		90 03
takes part in the Wilkes South Sea Expedition 691, 692, 694, 705,		
		01 10
mourns for Dr. Physick	. 7	10 48
Society, Agricultural, returns agricultural papers		
	282, 2	
Société des Amateurs de Paris, requests exchanges		0 9
Solar compass		26
corona, July 30, 1814		47 25
eclipse at Lancaster	. 4	
eclipse		
eclipse in 1778, MS. presented		49 =0
maculæ		70
shadows on a horizontal plane		68
system		
tide		55
Somnambulistic female		47
Somo, seeds and flowers of		71
Sorghum used by the Moors as food		77
to be cultivated in the United States		77
Soude de Mer		86
South room to be finished		92
South Sea Expedition		
Soy and Sago, Committees to experiment on	-	33
Spaight, R. D. paper by	. 2	279

	PAGE.
Spafford, Horatio Gates, paper on iron by	
returned to writer	
Spalding, Dr., of New Hampshire, explains the origin of meteoric stones	
Spanish and English analogies	
Sparks, J., to prepare sketch of Abiel Holmes	
Specimens of American flint glass from Lancaster	
white glass from Albany	
of natural history exhibited	
loaned Capt. M. Lewis	. 398
Sphenoidal sinuses, paper on	. 449
Spherical Trigonometry, Wolflus's principles of	
Spontaneous combustion of wood ashes	
explosion of artillery	407, 408
Spots on the sun, H. Marshall's observations on	. 69
Spotted fever, hints on	. 445
negroes, paper on	
Spray of Niagara, observations on	. 176
Spring, S. Rev., paper by.	. `257
Spring block, essays on, for premium	167, 177
premium awarded for	. 186
Springs for ship's rigging	
Square, magic, rules for	
root, paper on	
Standard weights and measures	
of France	
Stanhope's transit of Venus and account of the comet	
Star shower of 1833	
of November 13, 1834	
Stars, chart of, by Samuel Dunn	-
aberration, nutation and equation of the	
State of the Society's funds	
Rittenhouse Fund	
Magellanic Fund	
State of the ballots not to be declared till the end of the evening	
State House, application for a room in the	-
meetings at the	R 19 20
State House Square, a plot of ground in the, to be asked for from the Assem), 10, 20 1-
bly, to build on	
grantedto be built on with Philadelphia Library Company	
longitude of	
State House Yard, house in the ordered to be sold	
proposed sale of by the Assembly	
released to the city	
Steam, cheaper than horses or men	
essay on the production of	
boats, new method of propulsion for	
Rumsey's	
Fitch's	
boilers, improvements in	
engines, improved	
essay on	
of Christ. Collis	
Livingstone on	
pumps, improvement in	
boilers, to prevent incrustations in	. 620 534 535
angina without a bailar	534 b35

P.A.	GE.
Steam propulsion	625
Steel bars, to magnetize	, 538
Steel, Dr. H., geological speculations by	482
springs lose their elasticity by heat	204
influence of weather on	198
Steel, Widow, lot of, to be purchased	108
Steering apparatus for balloons	484
Stegle exhibits flint glass	65
Steinemetz, paper by, on a tea-plant	116
Steinhauer, Rev. H., paper by	470
Stereotype, French	424
Stevens, E., death of	671
Stewart proposes to print Vol. II, Transactions	131
Stewart and Cochran to be paid	234
Stewart's portrait of Washington	. 338
Stirling, Lord, letter of, on the variation of the compass	81
Stock of Silk Society asked for	108
Stockler, letter from	400
death of	593
Stone, to be procured for the building	130
taken from the tongue	115
found near Washington	401
hatchet from Israel Jacobs	72
from an ancient North Carolina well	259
Blue Mountains	201
dodecahedron from Ohio	207
Storms, origin of	628
observed by Franklin	628
Espy's theory of	702
Storm-glass presented by W. Poyntell	343
Story, Is., letter from	238
Stove, model of a	262
designed by Peale	342
open, an account of an	426
open and close	419
Stoves for Lehigh coal	497
Stove-rooms and greenhouses, paper on	146
Stramonium, effects of	59
Street Commissioners object to the stone steps of the Hall	158
sue the Society	162
Street lamps, improvement in	241
paper on	249
premium for essay on best construction of	231
Stretch, Thomas, donation from	413
Strettel's account to be paid	53
Strickland, W., paper by	299
deposits a book	543
Stræbel's essay on heat	173
Strontites, fused by Hare.	341
Stroud, Wm., the plasterer, letter from	174
threatens suit	176
Stroynowski, letter from	367
Struvé, letter from	569
Subjects for premiums recommended by the Council	446
Subjects, how to preserve in spirits.	440
Subscription of members increased	136
for Delaware and Chesapeake Canal survey to be received 35, 36, 6	3 71

PAGE.
Subscription for Delaware and Chesapeake Canal survey, list of 41, 63, 84, 109
to be called in
for Michaux solicited
for Society's new Hall to be requested
in New York
to be collected
form of
conditions of
account of, produced
Subscriptions to various periodicals
Sugar, a new mode of refining
claying of
wine without, from American black grape
maple tree
Suits brought against Coombe
against Rutland
Turner
the Society
Sullivan, General, letter of
Sullivan; James, letter from
Sullivan, Wm., journal of
Sully leases the rooms formerly occupied by Peale 434
does not obtain the north-east second story room 434
proposes to lease Society's room
proposition accepted
lease to
permitted to lease rooms to the Athenæum
paints a portrait of Jefferson
of DuPonceau
paints John Vaughan's portrait for the Society 520
receives \$100 for same
portrait of Dr. Wistar
copies the portrait of Franklin
Sum of the sines
Sun, declination of
eclipse of
spots, observations on
and moon, tables of, by Grew
Sunflower seed oil
Sun-dials, to set up
Superintendents of the press appointed
Supplement to Act of Incorporation
Supplemental Catalogue of Society's Library to be made 577
Surd decimal fractions
Surplus Magellanic Fund can be used
Survey of the coasts of the United States
of Delaware and Chesapeake Canal, expenses of
to be proceeded with
Clarkson's account for
subscriptions asked for
Committee on
of Mobile river
Surveying, improvement in
Susquehanna, navigation of the
survey of the
and Schuylkill Canal
Survey to be made from Frenchtown to New Hamburgh

	FAGE.
Surveyor General, assistance of desired	
Swallows, hybernation of	. 323
Swedish records to be copied	. 358
methods of bathing	
MS. presented	. 510
Sweet spirits of nitre	
Sweetara, grotto of	
Symmes, John C., paper by	. 486
Symon & Glass to be paid	. 152
Symphynota, new species of	. 601
Syng delivers his bond as Treasurer	. 35
bond of, cancelled	
faithfully discharges his duty	. 62
Synopsis fungorum in America	. 616
Syracusan papyrus presented	. 476
	, 501
T.	
Tables of population, importance of	393, 395
of the sun and moon by Grew	. 346
Tagalo grammar	. 623
Tait, Judge, letter from	. 567
death of.	. 678, 697
Talc, discovery of	
presented	. 275
from Newburyport	
Tanner's new map of the United States laid before the Society	595
Tantalus fusens	. 623
Tapir, fossil	. 375 . 541
Tar, best method of making.	. 428
Tatham, Wm., letter from	. 384
paper by	. 401, 402
Tatham requests the return of his paper, "analysis of longevity"	. 457
permitted to peruse it for a month	457
Taylor, R. C., explores coal in Cuba	. 690
Taylor, Sam., to deliver Transactions	. 100
to be paid	. 81
Taxation of the Magellanic Fund protested against	. 412
Tea, from red-root	
plant	. 116
loaned Dr. Barton	. 312
returned by him	. 375
to be drawn	. 374
Telegraph between London and Deal	. 240
Telescope	102
cross hairs in the	. 134
of Dickinson to be returned	. 65
to be put in order	. 68
of Miss Norris asked for	. 38
loaned to Dr. Williamson	. 39
loaned to Dr. Williamson	. 40
use of, granted by the Assembly.	. 37
loaned by the Proprietaries	. 19, 39
	. 38

PAGE.
Telescope loaned to Patterson
Secretary of State
expected from Europe
bought by the Society
Temminck, letter from
Temperature of the Gulf Stream, by Capt. Billings
TenKaff, G. G., letter from
Tennessee, natural history of
account of by Jno. Newnan
Terms of Peale's lease
Ternant, John, death of
Terrestrial magnetism
Tertiary formation of Virginia
Test for arsenic
Tetanus cured by opium
by wine
paper on
Tetracaulodon bone
vindicated
Tetrao
Texas, information about
Thackara, Jas., to be paid
Thanks to Abercrombie
to Aitkin
to Dr. Anderson
to Jos. Anthony
10 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1
to Mr. Atlee
to Mr. Atlee 57 to Richard Bache 202 to Dr. Barton 261, 269, 282, 300, 369 to Henry Beaufoy 659 to Owen Biddle 111 to P. Boyle 204 to S. F. Bradford 319 to Buel 42 to Buffon 95, 104 to Burgsdorf 149
to Mr. Atlee

	AGE.
Thanks to Jones, of London	233
to Wm. Jones	
to Knox	282
to Kosciusko	267
to Lambert	281
to John Lang	399
to be given to the Legislature	106
to Lerebours	243
to Leslie	319
to Dr. Lettsom	
to the Library Committee for completing catalogue	531
to Louis Philipe	680
to Lutheran Church	192
to Prof. Meyer	98
to Wm. Madison	106
to Jno. Morgan	325
to Morelli	668
to R. H. Morris	318
to Murray, Fairman & Co	508
to Mr. Nairne	68
to Nassy	285
to Niemcewicz	271
to Miss Norris	40
to Patriotic Society of Milan	163
to Mr. Penn	59
to Ed. Pole	172
to W. Poyntell	343
to the First Presbyterian Church	245
to Robert Proud	325
to Rittenhouse	200
to Jarvis Roebuck	313
to B. Romans	203
thanks to J. B. C. Rousseau	301
to Dr. Rush	
to Mr. Sims	o, ∠o≀ 299
to Jos. Smith	365
to J. H. Smith.	359
to R. Smith	260
to Rev. Sam. Smith	148
to S. H. Smith.	269
to Dr. W. Smith.	192
to Wm. Tilghman	
to Trustees of Church	
to Turner	
to Dr. John Vaughan	310
to John Vaughan	0, 630
to Samuel Vaughan	157
to Warden	410
to Wilkinson	275
to Jona. Williams	0, 310
voted to various persons	41
letter of, to be drafted	88, 91
adopted	93
Thanks vide also individual names	
Theory of mills, by Wm. Waring	214
of the moon	500
of the planets, treatise on	155

PAGE.
Theory of probabilities
of tides
of water-wheels
Thermometer by De Butts 448
used for the inspection of gunpowder 606
imperfections of the
Thermometrical navigation
observations
at sea
Thomas, Mr., discovers islands in the South Pacific
Thomas, D., letter of
Thomas, Isaiah, sends ten dollars
bequest of
Thompson, Dr. B., letter of, Concord, N. H
Thomson, Charles, declines to deliver oration
letter from
paper by
Thomson's Annals of Philosophy to be obtained regularly 459
Thorax partly paralyzed
Thorn apple, effects of
Thornton, Dr., permitted to reprint his essay, Cadmus
paper by
Thornton's method of making polygons
Thorombert, death of
obituary of
Thoughts on common sense, by Dr. Rush
Threshing machine, an account of a
Thunberg, Prof., letter from
death of
Thunder storm, a remarkable
Tiarks, Dr., letter from
Ticknor, Geo., letter from
Tides, doctrine of, letter on
reported on
in bay of Fundy
new theory of
on the Atlantic coast
Tide-mill, by Rob. Lesslie, drawing of a
Tilghman, W., delivers eulogium on Dr. C. Wistar
thanked
ordered to prepare a biographical sketch of the late Robt. Patterson. 531
death of
resolutions of the Society relative to the
bequest of
eulogy on
Tilton, Dr., paper by, on hydrophobia
Timber, dry rot of
Time, correct, to be furnished to the public
Time-piece, alteration of
cost of alteration
to be repaired
of Mr. Prior
Time-keeper, universal
Tinea granella
Tioga, tooth found at
Tizan, paper by
Todd W H finds a Megatherium in New Jersey

PAGE
Tokens presented
Tomb of Ferd. Columbus
Tongue, stone taken from the
,
Tornadoes, papers on
caused by electricity
Tornado at New Brunswick
- · · · · · · · · · · · · · · · · · · ·
Fulton's
to be experimented with
Tortoise, fresh-water, from India
Tousard, paper by
Townsend's collections in natural history
Tracy, Destutt, death of
Trade at Michilimackinack
Transactions of the American Philosophical Society, preface to the 60
to be presented
to be delivered
to be sent away
price of
to be advertised for sale
to be paid for or returned
account for sales of
letter sent abroad with each copy of
to be sent to Franklin
to be sent to Flankin
Vol. I, Dilley proposes to reprint
asked for by Dr. Sandiford
communications requested for the
to be prepared for publication
Bradford's proposal for publishing
accepted
second Vol. of, Bradford agrees to print
Vol. II, 500 copies to be printed
to be obtained from S. Taylor
to be given to Rittenhouse
Vol. II to be published
500 to be printed
750 to be printed
Aitken proposes to print
Vol. II, finished printing
Vol. II, finished printing
Vol. II, progress reported on
Vol. II to be sent to London for sale
Vol. II, letter respecting the printing of
to be given to Magellan
new Vol. to be got ready
printer's terms to be ascertained
papers to be got ready for Vol. III
Vol. III, Aitken desires to publish
Ani iii wingen nesites in hunnam 109

PAGE.
Transactions of the American Philosophical Society, Vol. III. Aitken's
proposals accepted for
Vol. II to be sent to the Batavian Society
Vol. III to be published
fifty sets of the, to be reserved
to be exchanged with the printer
to be annually published
Vol. IV to be got ready
Vol. IV, proposals to be invited for
Vol. IV, papers ready for
Vol. IV, Dobson proposes to publish
to be sent to National Institute, Paris
historical part of, to be got ready
condition of
Turner furnishes an index for three volumes of
to be sent to various Societies
to be got ready
sent to Rumford
sent to Lisbon
sent away
to be distributed
to be published in single numbers
sent to the Royal Irish Academy lost at sea
seized by a British vessel of war
Miss Aiken desires to print
Miles Hiller desires to principle
VOI. 1 V 100023
SCHOOL COLORS THE STATE OF THE
to be sent to the charteness of the sent to the sent t
to be printed by comment of the contract of th
future, to be of 8vo size, consideration postponed
material on hand for, to be examined into
to be sent to the Massachusetts Antiquarian Society
to be sent to Literary and Philosophical Society, New York 467
Vol. VII ordered to be published as Vol. I, new series 471
to begin a new series
a new volume to be published
to be sent to the Turin Academy
presented to Allegheny College
to be sent to Royal Astronomical Society
Committee on, reports progress
proposal for printing of, from Small
to be bought by the Society
to remain in 4to form, but to be published in parts of 100 pp. each 528
not to be printed in 8vo form
to be published in parts of 100 pages
presented to La Fayette
purchase of Vols. IV and V
Vol. II, 2, new series, ready
to be sent to the Geographical Society, Paris 562
to be paid for out of the Magellanic Publication Fund
to be issued in numbers
sent to the Royal Academy of Madrid
to be sent to the Royal Northern Antiquarian Society of Copenhagen 589
given to the Indiana Historical Society
to be published at stated periods
first published as an appendix to the American Magazine for 1769 697
Transactions presented by the Royal Society

PAGE.
Transactions Royal Academy, Turin, at Richmond for the Society 102
Transit instrument, loan of, requested
declined
to be put in order
Transit of Venus
a projection of
Ewing's paper on
Committee of observers classified
Dr. Smith's paper on
observers of, at Philadelphia
the Capes
Norrington
Committee report
observations at Norriton
Maskelyne's letter on
observations of, to be laid before the Assembly
by Stanhope
papers to be bound and presented
Transits of Venus and Mercury, to be sent to Europe
Transit of Mercury
bill for engraving
Committee to observe
Trap rocks of the Conewago
Treasurer, duties of
to receive certificates of membership
to defray expenses of the Canal Committee
to collect thirty shillings from each member
to pay bill for wood
to employ a collector
to sue for effects of Silk Society
to give bond
to be allowed 5 per cent commission
authorized to exchange paper money
to sue for dues in arrears
to borrow money
elected
to receive 5 per cent commission on collections only (not on dona-
tions or bequests)
to pay money only on order of the Society
to employ a collector at 5 per cent
to vote for the Society at the elections of the Philadelphia Contribu-
tionship Insurance Company
reports on the Michaux moneys left with Rittenhouse 281
Treasurer's bond taken from W.P. Syng
account committed
audited
accounts to be audited
accounts audited
commissions objected to
Treasurer Lukens to be settled with
Treat, J. B., meteorological observations in Arkansas, 1805, 1808 418
Treatise by Meyer
Priestley's, on optics
Trees, forms of the trunks of, in State House yard
Trenchard's bill to be paid
Trigonometer exhibited
Trigonometrical survey of part of England
PROC. AMER. PHILOS. SOC. I. liii. PRINTED JANUARY 15, 1885.

P	AGE.
Trilobites of North America	699
Triple rainbow	340
Troost, Dr. G., paper by	
True meridian to be furnished Philadelphia	338
Trustees of Presbyterian Church thanked	369
Zion Church thanked	480
Truxton, Thos., paper by	249
Tube telegraphy	704
Tumor, remarkable	175
Turkey, facts relative to the	357
Turgot, bust of, presented	468
Turin Academy to receive missing Transactions	506
Turner, E., death of.	702
Turner, Geo., papers by	
letters from	•
donations from	
thanked	
presents Index to Transactions	
robs the Society	295
suit against	295 295
to be expelled	296
resignsgives bond	297
bond sued out	
property sold	312
Turnpike, natural, the ancient southern margin of Lake Ontario	426
Turpentine	306
Tusk from Ohio.	129
large, exhibited	193
Twine twisting machine	492
Tyarks, Dr., death of	707
Tiger-lion, bones of	241
Types, Abel Buel's, letter of inquiry about	39
made in Connecticut	36
from Fry & Co	184
	202
υ.	
Ultimate ratios, essay on	72
Umbilical cord, to replace	629
Uninflammable chimneys	15 3
Unio, new species of	
	· 8, 20
agreed on	21
new name after the	21
first election after the	23
Union Library	49
United States pays off its eight per cent stock	416
Coast Survey	493
Universal language	
magnetic needle	29
protractor not worthy of the extra Magellanic Premium	511
standard of weights and measures	430
timekeeper	404
University of Pennsylvania, oration at	
thanked	
lease to	18, 219

	PAGE.
University of Pennsylvania, receives books by error	
letter from	
Unusually large human kidney	114
Unwholesomeness of marshes	234
Urbina, letter from	
Urtica canadensis.	
Use of Council Chamber granted to the Society	
Use of thermometer in soundings	185
Uterus, mortification of, paper on	85
V.	
Vacancy in offices, how to be filled	181
Vaccine disease, anomalous case of	404
Valentin, Dr., receives a new certificate of membership	218
letter from	261
thanked	816
Valltravers, R., letter from	
papers by	206
Vandershotz reports discovery of quicksilver at Reading	344
Vanishing fractions	464
Vanleer, Branston, papers by	254
Van Marum, letter from	342
Variations of the barometer, circular scheme for noting the	72
Variation of the needle	628
Committee to consider	
essay on the	155
voyage to Baffin's bay to discover the cause of	173
Varlè, Le Sieur Charles, on extinguishing fire	229
on canal locks	395
papers by	
Varnish, a new	
Vase, antique, from Illinois	622
of Swedish porphyry presented	491
Vater borrows Vocabula	490
Vaughan, Ben., presents £10 for the building	148
death of	679
Vaughan, Dr. John, thanked	310
Vaughan, John, donations from	24. 148
letter from	196
rents cellars	89, 192
presents plan of the building	131
account of building expenses	144
account of subscriptions to building	154
elected Librarian vide under name in Index II.	
borrows books	371
catalogues coins and medals	380
replaces Vol. IV Transactions	372
thanked	20, 630
pays his bond	552
sells the Society Nicholson's Encyclopædia	515
deposits in Library R. Boyle's works	52 3
Bayle's Dictionary and other books	29, 530
German mint weights	469
presents an artificial horizon	488
applies for rooms	511
Society accepts his offer	511

		GE.
Vaughan, John, deposits his library, which is bought by the Society		554
portrait painted by Sully for the Society	. 520	, 521
paper by		477
sells the Society a telescope		674
Vaughan, S., elected Vice-President		125
declared a benefactor of the Society		123
thanked		157
Vaughan, W., of London, to act as agent for the Society		, 374
letter from		361
donates £10 10s. to the building		148
letter of, on weights and measures		544
Vauquelin analyzes the Nicotiana latifolia		, 418
Vaux, Roberts, death of		680
Vegetables, esculent and noxious, to distinguish		264
dyes, American		229
poisoned by themselves		604
Vegetable cordage	. 598	599
muscipula		396
Vegetation of plants, essay on		135
Ventilation of ships		3. 537
Ventilators and lamp oil		310
Venus, transit of		37, 70
Assembly grants money to observe		19
projections of the		54
observers classified		
to be observed at Philadelphia		37
at Norrington		37, 42
at the Delaware Capes		37
at James' Bay		18
by Stanhope		58
report of Committee on		36, 40
Verbal communications to be entered in a book		•
to be examined		345
Vergennes, letter of		129
Vermiculite		
Vessel for sailing on ice		68
Vetches, Chinese		
to be distributed		33
Vice-Presidents elected		00
duties of		26
Vinall, John, arithmetic by		226
Vine, American		328
culture		42
plan for		212
Virginia, height of the mountains in	• •	466
fossil shells	• •	206
mammoth bone found in		266
curiosities in		270
early settlers in.		614
		672
geology of		559
, -		408
Vitrification from Ohio presented		410
		490
Vocabula loaned Vater		
Voight, Henry, letter from		160
papers by	• •	417
papoisuy	• •	X L I

TAC	X124
	418
principles appear just	160
Volcanic minerals from Naples	382
Volume, early, of the Minutes, 1768	1
1769	2 3
1774	90
	467
	468
To provide the contract of the	108
Vultur auro	710
w.	
"W.J.," paper by	130
Wall, Geo. Jr., exhibits a trigonometer	158
Wallenstein, J. de, meteorological observations by	
Walls of the Society's building to be carried up and covered in	154
	345
	508
	516
	516
	530
War interrupts the Society's meetings.	99
	399
letter from	
thanked	410
translates Vauquelin's paper on Nicotina	
	423
Warder, Jer. Jr., desires to lease the Peale's rooms for a literary society.	434
Waring, Wm., observations on the theory of water wheels 206, 207,	
	215
	229
reported on	280
premiums conferred for	282
Washington, Gen., address to	
letter from	
accepts invitation to be present at the Franklin eulogy	191
	390
receives the announcement of his election as President of the United	000
	571
	289
Society mourns for	289
portrait ordered	
portrait of, loaned to Binns	486
letter of thanks for the Society's address, October, 1781	658
birthday, centenary celebration of	624
Washington, Bushrod, letter from	379
Washington City, determination of the longitude of	456
latitude and longitude of	482
	323
Washita, account of the	375
	120
	592
to raise above its level	177
	268
to remove from sunken ponds.	195
generated from air	237
birch bark, specimens of	163
compressibility of	487

			PA	ar.
Water power, paper by Dr. Nancarrow on				249
wheels, theory of				206
cold, disorder caused by drinking				85
of the ocean				301
in plants				300
Watkins, Dr. John, discovers a cantharides				341
letter from				
Weather, influence of, on steel springs	•	• •		198
at Chevenage				201
				545
of 1825				19
Weavil, fly, observations on				372
Webber, S., letter from.				
Webster, Noah, letter from				572
Weights and measures, French	•	٠	•	230
to be examined into	•		506,	507
of Pennsylvania				
Wells, Richard, hints on raising water				90
plan of a plough				85
Werner on fossils bought				378
West Florida, account of		٠	•	29
map of rivers of			•	80
description of coast			•	80
Western antiquities				202
ancient forts			• '	205
petrifactions				169
Wetherill, C. J., presents bust of J. Q. Adams				622
Wharton, Chas., death of				648
Wheat insect, memoir of				195
insects, to destroy				380
smut to destroy				389
Wheel boat, drawing of a				163
essay on a				165
White, Bishop, death of				689
White, Jos., has a new theory of the world				473
reported on adversely				473
White, Taylor, donation of				72
Whitefoord, Caleb, letter from				193
death of				658
White Hills, barometrical measurement of height of				433
excursion to the	2	60	402	
				404
paper on, returned to writer.				150
White where manufactory near Albany				150
White glass manufactory near Albany				272
negro				433
Whitlow makes hemp from Urtica canadensis				54
Whole expenses of Committee on Chesapeake and Delaware canal.				
Wick, asbestos, for lamps				68
				393
Wikoff, M., invents a machine for spreading gypsum			•	33
Wild garlic, letter on, to be published				377
Wild garlie, letter on, to be published	• •			
Wild garlic, letter on, to be published	69	1,	69 2 ,	
Wild garlic, letter on, to be published	69 7	1, 05	692, 706,	707
Wild garlie, letter on, to be published	69 7	1, 05	692, , 706, , 275,	707 287
Wild garlic, letter on, to be published	69 7	1, 05	692, , 706, , 275,	707 287 275
Wild garlic, letter on, to be published	69	05	692, , 706, , 275,	707 287 275 302
Wild garlic, letter on, to be published	69	05	692, , 706, , 275,	707 287 275 302 367
Wild garlic, letter on, to be published	69	05.	692, , 706, , 275,	707 287 275 302 367 264
Wild garlic, letter on, to be published	69	05	692, , 706, , 275,	707 287 275 302 367

				PA	GE.
Williams, Jona., thanked	. 287,	300,	302,	310,	444
measurements by, of the Blue Ridge					235
donation from, to the Society					215
memoir on the claying of sugars					206
on thermometrical soundings				•	185
presents Houdon's bust of Franklin					302
papers by					287
letter from					393
makes a catalogue of the Society's books					444
presents a ballot box					444
communication from					437
deposits military map of the vicinity of Philadelphia.					452
deposits drafts of New York fortifications					453
funeral of					454
Dr. Chapman to deliver eulogy on					455
Williams, Gen., observations of, requested					466
Williams, Rob., paper by					
letter from					426
Williams, S., letter from					87
meteorological observations by					81
Williams, Mr., letter from					489
Williamson, Dr., papers by					
proposal of, recommended	., o=,	,	,	,	70
obtains a copy of his paper on the fascinating power of					392
Willing's lot on Third street					118
Wilna, University of, to receive Transactions					367
Wilson, Alexander, portrait presented					512
Wilson, D., meteorological observations by	· · ·		• •	:	388
Wilson, Rev. J. P., resigns				•	574
Wilson, Patrick, letter from				-	153
Winds on Anticosta				-	98
Windmill, angle for the sails of					-
model of a					39
Wine, American, exhibited					15
receipt for					15
without sugar					16
from the black grape					17
Winthrop, James, letter of					358
Wistar, Dr., permitted to place rain-gauge on the Hall					175
experiments on evaporation by					154
to write to Jefferson about Kentucky cave bones					387
to examine same					
gives an account of the bones of the mammoth					394
describes the bones of an unknown animal					280
referred					280
to be published					380
elected annual orator					349
declines the appointment					350
elected President of American Philosophical Society					451
paper by					
plan of historical research					
dies					478
eulogium on, by W. Tilghman.				-	
portrait of					
Wistar, Mrs., presents portrait of Dr. Priestley					180
Wood ashes will combust spontaneously					192
Wood to be paid for					71
Woods from Jamaica presented by Filsted					21
TI DUMB LIGHT BUILDING DESCRIPTION OF LIBROR					

	PA	
Wood bridges, Peale's essay on		254
Woodbury, bone found at	•	154
Woodhouse, Dr., answers Priestley	277,	278
chosen annual orator	•	337
declines the appointment		347
borrows electrical machine		
returns the same	-	313
leaves minerals to the Society	•	416
eulogium on		420
Woolbearing animals, paper on	•	230
Workman, Benj., improvement on Hadley's quadrant		128
Works of the Literati, account of	•	83
World, new theory of the		473
Worms shown the Society		35 8
destructive to peach trees	•	65
to South Carolina pines		362
to keep books free from		381
destructive to the apple tree		491
Worthington presents vitrifaction	408,	410
Wrangel, letter of, on Swedish baths		74
Writing paper of asbestos		68
Wright, Dr., of Jamaica, papers by		84
Wright, T., paper by, on drying up marshes		227
history of the muscles		226
Wynkoop, H., paper by		2 80
referred		280
reported on		281
Wythe county, Va., lead ore found in	•	452
X. Y. Z.		
		20.4
x		304
X		2 69
*X		269 159
X		269 159 266
X * X	:	269 159 266 276
X	:	269 159 266 276 303
X	•	269 159 266 276 303 284
X		269 159 266 276 303 284 22
X	, 483,	269 159 266 276 303 284 22 509
X *X. *XY. XYZ. reported on favorably receives premium. Yearly publication ordered of a volume of Transactions subscriptions to be collected Yellow fever. treated with Peruvian bark.		269 159 266 276 303 284 22 509 391
X	, 483,	269 159 266 276 303 284 22 509 391 327
X		269 159 266 276 303 284 22 509 391 327 225
X	, 483,	269 159 266 276 303 284 22 509 391 327 225 16
X	, 483, , 326,	269 159 266 276 303 284 22 509 891 327 225 16 533
*X *X X Y X Y Z reported on favorably receives premium Yearly publication ordered of a volume of Transactions subscriptions to be collected Yellow fever treated with Peruvian bark prevalent 216, 273 Deveze on Yellow oker Yenite from Rhode Island Yorktown, plan of the siege of	, 483, , 326,	269 159 266 276 303 284 22 509 891 327 225 16 533 619
*X	, 483, , 326,	269 159 266 276 303 284 22 509 391 327 225 16 533 619 175
*X. *X. XY. XY. reported on favorably receives premium. Yearly publication ordered of a volume of Transactions subscriptions to be collected Yellow fever	, 483, , 326,	269 159 266 276 303 284 22 509 891 327 225 16 533 619 175 262
X X X X X X X X X X X X X X X X X X X	, 483,	269 159 266 276 303 284 22 509 891 327 225 16 533 619 175 262 467
X * X	, 483, , 326,	269 159 266 276 303 284 22 509 391 327 225 16 533 619 175 262 467
*X. *X. XY. XY. XYZ. reported on favorably receives premium. Yearly publication ordered of a volume of Transactions subscriptions to be collected Yellow fever 389, 394, 443 treated with Peruvian bark prevalent 216, 273 Deveze on Yellow oker Yenite from Rhode Island Yorktown, plan of the siege of Young, P., essay on powers and mechanisms of nature Zach, letter from Zeisberger's Lenni Lenape grammar Delaware grammar 522 grammar to be published in the Transactions	, 483, , 326,	269 159 266 276 303 284 22 509 391 327 225 16 533 619 175 262 467 564 554
*X. *X. X Y. X Y. X Y Z. reported on favorably receives premium. Yearly publication ordered of a volume of Transactions subscriptions to be collected Yellow fever	, 483, , 326,	269 159 266 276 303 284 22 509 391 327 225 16 533 619 175 262 467 564 554 362
*X. *X. XY. XY. reported on favorably receives premium. Yearly publication ordered of a volume of Transactions subscriptions to be collected Yellow fever	. , 483, . , 326,	269 159 266 303 284 22 509 891 327 225 16 533 619 175 262 467 564 554 362 416
*X. *X. XY. XY. reported on favorably receives premium. Yearly publication ordered of a volume of Transactions subscriptions to be collected Yellow fever	, 483, , 326, , 326,	269 159 266 276 303 284 22 509 391 327 225 16 533 619 175 262 467 564 554 362 416
*X. *X. XY. XY. XY. XYZ. reported on favorably receives premium. Yearly publication ordered of a volume of Transactions subscriptions to be collected Yellow fever. 389, 394, 443 treated with Peruvian bark prevalent. 216, 273 Deveze on Yellow oker. Yenite from Rhode Island Yorktown, plan of the siege of. Young, P., essay on powers and mechanisms of nature Zach, letter from Zeisberger's Lenni Lenape grammar Delaware grammar Delaware grammar grammar to be published in the Transactions. Zimmerman exchanges books with the Society. Zinc rolled at a temperature between 212° and 300° the first, rolled in America. Zion Church, eulogium on Wistar delivered at	, 483, , 326,	269 159 266 276 303 284 225 509 391 327 225 16 533 619 175 262 467 554 416 416 479
*X. *X. XY. XY. XYZ. reported on favorably receives premium. Yearly publication ordered of a volume of Transactions subscriptions to be collected Yellow fever	, 483, , 326,	269 159 266 276 303 284 225 509 391 327 225 16 533 619 175 262 467 564 416 479 480
*X. *X. XY. XY. XY. XYZ. reported on favorably receives premium. Yearly publication ordered of a volume of Transactions subscriptions to be collected Yellow fever. 389, 394, 443 treated with Peruvian bark prevalent. 216, 273 Deveze on Yellow oker. Yenite from Rhode Island Yorktown, plan of the siege of. Young, P., essay on powers and mechanisms of nature Zach, letter from Zeisberger's Lenni Lenape grammar Delaware grammar Delaware grammar grammar to be published in the Transactions. Zimmerman exchanges books with the Society. Zinc rolled at a temperature between 212° and 300° the first, rolled in America. Zion Church, eulogium on Wistar delivered at	, 483,	269 159 266 276 303 284 225 509 391 327 225 16 533 619 175 262 467 554 416 416 479

II. INDEX OF NAMES.

Explanation of Abbreviations.

- * = Election to Membership. $\parallel =$ " to Office.
- t = Death of Member.

A. PAGE.	PAGE.			
Abbot	Aitken (Robt.) . 146, 152, 158, 160, 168, 181,			
A, B, C	183, 189			
Abercrombie (Rev. Jas.), *238, 239, 240,	Aitkin (Mr.) 103, 144, 151, 157, 171, 180,			
242, 246, 247, 252, 260, 261, 262, 271, 272,	186, 203, 209, 256, 317			
281, 284, 290, 307, 348, 406, 438, 439, 442,	Aitkin (Miss Jane) 337, 374, 420			
443, 445, 458, 532	Albers (Dr. J. A.) *490, †502			
Abert (Col. J. J.), 507, *625, 626, 705	Alden (Rev. Tim.) 404, 435, 439, 452			
Abeville vide D'Abeville	Alderman Keene 176			
Abrahamson 598	Aldini (Chev.)			
Abramson (Josh., Nich., Ben., V) . *594	Aldwin (Thos.)98			
"Academicus" 246, 253, 257	Alexander *2, 24, 31, 33, 45, 52, 55, 65,			
Acarius	69, 71, 72, 73, 74, 76, 77, 78, 79, 80, 81,			
Accum	82, 83, 84, 85, 97, 367			
Achilles	Alison (Rev. Dr. Fra.) *3, 8, 11, 12, 16, 17,			
Ackerman	20, 33, 44, 49, 50, 52, 57, 59, 60, 62, 65,			
Acosta (Col.) 626	77, 78, 79, 100, 101, 238			
Adams 273, 305, 321, 556	Allison (Burgess) 52, 59, 89, 211, 296, 298,			
Adams (Geo.)	299, 300, 302, 304, 305, 307, 309, 310, 311,			
Adams (J.) *212, 321, 431, †555, †556	312, 313, 314, 315, 337, 348, 349, 350, 370,			
Adams (John Quincy) *481, 482, 484, 507,	392, 394, 395, 396, 403, 405, 406, 413, 414,			
535, 537, 573, 589, 622	416, 418, 419, 421, 422, 425, 426, 430, 435,			
Adams (Samuel) 101, 111	437, 438, 442, 443, 467, 473, 482, 504			
Adamson (J.)	Allison (Dr.) 9, 42, 307, 417, 432, 433			
Addison (Alexander) *188	Allison (Dr. N. S.) *443, 460			
Adelung 431, 473, 484, 489, 498, 499, 572,	Allen (Andrew)4, 7, *8, 11, 18			
587, 604	Allen (Benjamin, LL.D.) *432, 433			
Adelung (H. E. Fred.) 604	Allen (James) 4, *8, 11, 19, 24			
Adet (Citizen) . *236, 238, 239, 242, 259, 299	Allen (Hon. Wm.)			
Adlum (John)	Alstedii (J. H.)			
Adrian (Dr. Robert) *436, 448, 474, 475,	"Americus"			
483, 571, 572, 573, 574, 575, 576, 577,	Ames (E.)			
578, 582, 588, 590, 594, 595, 597, 598	Amoretti (Carlo)			
Adye (Lieut. Stephen) *72, 74	Andrada e Silva (J. B.)			
Afzelius (Prof. P.)	vide De Andrada e Silva			
Agardh (Charles A.)483, *674	Anderson 198, 210, 345, 389, 575			
Aikin (Mr. J.)	Anderson (Col. Alex.)			
Aikin (Rob.)	Anderson (Dr.) . 6, *17, 233, 287, 300, 304			
Ainsworth	Anderson (Dr. H. James), 574, *580			
Aitken	Anderson (Jas. LL.D.)			
	Anderson (Jas.)., M.D*188			
(841)				

PAGE.	PAGE.
Anderson (J.)	Bache (Prof. Alex. Dallas) . *592, 593, 594,
Anderson (Joseph Horatio) 48	595, 596, 597, 598, 602, 605, 612, 613, 614,
Anderson (Prof.)	616, 618, 619, 620, 622, 624, 628, [629, 630,
Andreani (Count-Paul) *201	634, 636, 637, 639, 640, 641, [643, 645, 646,
Andres	648, 649, 651, 653, 654, 655, 657, 659, 660,
	661, 662, 663, 664, 666, 667, 668, 669, 671,
Andrews (J., D.D.). 156, 192, 210, 217, 221,	
225, 227, 228, 231, 237, 239, 242, 267, 290,	672, 674, 675, 676, 677, 678, 679, 680, 682,
300, 314, 348, 369, 438	684, 685, 686, 687, 688, 690, 691, 692, 697
Angeville (Marquis) vide D'Ange-	Bache (B)
ville (Marquis)	Bache (Dr. Franklin) *494, 535, 537,
Annam	545, 560, 573, 595, 596, 598, 599, 601,
Antes (Col.)	 612, 613, 616, 618, 622, 623, 628, 629,
Anthony (Joseph) 432	630, 631, 643, 646, 650, 651, 653, 657, 660,
Antill (E.)	[663, 664, 667, 668, 672, [679, 684, 687, 691,
Antill (Hon.) 6, 14, *17, 43	∥697, 702, 705
Antill (L.)	Bache (Major Hartman) *620, 621, 631,
Arango (Don Josef.) vide De Arango	640, 643, 645, 646, 667, 668, 669, 672, 682,
Arbo (J)	683, 684, 697, 706
Archer (Dr. J.)	Bache (Richard) 189, 202, 219, 561
Arejulo	Bache (Dr.W.) *261, 277, 390, 512, 526,
Aristotelis	529, 532, 540, 541, 544, 576, 580, 582, 586,
Armenteros (J. G.) 329	589, 590, 592, 593, 599, 633, 634, 647, 648,
Armours (Chev.) vide D'Ar-	651, 652, 654, 655, 658, 662, 670, 671, 683,
mours (Chev.)	688, 697, 701, 706, 707
Armstrong (Allen) 529	Bachman (Rev. John) 623, 704
Arndt (J.)	Bacon (Lord) 470, 486
Arneats (T.)	Bacon (John)
Arnolds	Bacon (Rev.)
Arnould	Baer
Arrowsmith 344, 424	Bagley (Chas.)
Arthaud	Bailey (of London) 687
Arthur	Bailey (F.) 54, 117
Aspden (M.) *20, 24, 32, 35, 43, 46, 50, 61	Bailey (Joel) 40, 44, 45, *48, 56, †658
Astley (T.) 462, 467, 472, 473, 482	Bailly
Atkin	Bainad
Atlee (Wm.)	Bainbridge
Aubentonvide D'Aubenton	Baird (Absalom)*188
Audubon, J. J 591, *618, 623, 627	Baker
Augustus	Baker (Hilary)
Aurelius (Marcus) 409	Baker, Wm
Auriol (J.)	Balbi
Austin (David)	Baldwin (Laomi) 405, 485
Austin (Jas.)	Baldwin (M. W) *630, 659, 663, 668, 673, 674, 687
Autenrecte (Prof.)	Baldwin (W. M.D.) 486
Awardi (Major)	Bancker (Charles N.) . *542, 566, 567, 580,
Azambuja (Com. Torlade) vide	596, 597, 601, 605, 612, 640, 643, 646, 655,
D'Azambuja	660, 661, 663, 666, 667, 668, 680, 682, 690,
в.	693, 709
Babbage, C 612, 624	Bancker (E. V.)
Bache 203, 262, 266, 267, 268, 271, 276, 279,	Bancker (Gerhard) *72
360, 362, 495, 496, 498, 499, 500, 501, 502,	Bancroft
503, 504, 506, 507, 511, 516, 517, 518, 523,	Bancroft (Ed.)
526, 528, 530, 531, 535, 543, [548, 550, 551,	Banker
552, 553, 554, 555, 556, 559, 560, 562, 563,	Banks (Sir Joseph) *152, 160
565, 567, 569, 572, 575, 588, 591, 594, 627,	Barber (Capn.) 59
631, 666, 683	Barbour (Jas.) 572
,,	• •

PAGE.	PAGE.
Barclay (Robt.)*147	Barton (Dr.), continued—
Bard (Samuel)*9, 60	334, 336, 337, 340, 341, 342, 343, 344, 345
Baretti	348, 351, 357, 358, 362, 367, 369, 370, 372,
Baring	374, 375, 376, 379, 383, 384, 389, 396, 399,
	421, 427, 429, 432, 433, 437, 440, 442, 453,
Barker (Dr.)	460, 462, 467, 474, 477, 485, 487, 537, 540,
Barlow (Joel)	546
Barnard (Mrs. Hannah) 436	Barton (Dr., Jr.)
Barnes (Jos.)	
Barnhill	Barton (Dr. B.),
Barnsley (Capt. Thos.) *5, *12, 19	Barton (E.)
Barnwell (Dr. W.) . 235, 241, *320, 321, 323,	Barton (Dr. J. Rhea)
327, 328, 330, 333, 336, 337, 338, 344, 345,	Barton (Matthias)
346, 347, 348, 349, 350, 351, 357, 465, 466,	Barton (Mrs.)
469, 471, 472, 475, 476, 480, 481, 482, 487,	Barton (Rd.)
496, 498, 499, 500, 501, 502, 523, 524, 527,	Barton (Rich. P.) 155, *201, 358, 411
528, 529, 554, 559	Barton (Rev. Thos.) *5, *12
Barres vide Des Barres	Barton (Wm.) . *147, 169, 178, 181, 182, 185,
Barron (G) 372, 377, 385, 386	187, 189, 191, 192, 193, 195, 197, 198, 202,
Barron (Capt. Jas.) . 535, 536, 537, 538, 540,	205, 207, 209, 210, 211, 212, 217, 218, 220,
542, 557	221, 223, 227, 228, 229, 230, 232 235, 238,
Barrozo (J. J.)	240, 241, 242, 243, 245, 246, 247, 248, 249,
Barry	252, 254, 256, 259, 261, 286, 319, 327, 357,
Barth	452, 454, 459
Barton 19, 22, 159, 161, 164, 170, 171, 177,	Barton (Dr. W.)
183, 188, 196, 199, 202, 209, 217, 218, 219,	Barton (Dr. W. P. C.) . 406, *442, 444, 445,
220, 221, 222, 223, 224, 229, 230, 232, 233,	450, 453, 455, 457, 458, 468, 476, 484
234, 235, 236, 238, 239, 240, 241, 242, 243,	Bartram 24, 32, 42, 65, 71, 82, 95, 233,
257, 259, 261, 263, 264, 272, 274, 275, 276,	329, 333
278, 279, 280, 282, 284, 288, 290, 294, 295,	Bartram (Isaac) . *9, 33, 39, 47, 49, 50, 52,
296, 297, 298, 299, 300, 802, 304, 305, 307,	53, 54, 56, 59, 61, 65, 68, 69, 102
309, 310, 311, 313, 316, 318, 321, 322, 323,	Bartram (J.)
327, 328, 330, 332, 333, 334, 335, 336, 337,	Bartram (Moses) . *9, 50, 54, 56, 61, 72, 86,
338, 339, 340, 342, 343, 345, 346, 347, 348,	99, 102, 369
349, 350, 357, 358, 359, 360, 361, 362, 363,	Bartram (Wm.)
365, 368, 369, 371, 373, 375, 377, 378, 379,	Bauman (Major) 619
380, 381, 382, 383, 384, 385, 386, 387, 888,	Bayley
390, 392, 393, 394, 395, 397, 398, 400, 401,	Baynton (J.)
402, 403, 405, 406, 407, 408, 410, 411, 412,	Beach (Sam.)
413, 417, 418, 419, 420, 421, 422, 424, 425,	Beaseley, Rev. Fred *443, 447, 448, 451,
426, 430, 431, 434, 435, 436, 437, 438, 439,	453, 457, 460, 469, 470, 472, 473, 475, 476,
443, 447, 448, 449, 450, 468, 470, 471, 472,	479, 482, 485, 486, 500, 517, 555
473, 475, 479, 482, 485, 488, 489, 490, 537,	Beattie (Jas.)
548	Beaufort 376
Barton (Jr.) 443, 451, 452, 458, 459	Beaufoy (Henry) 659
Barton (Br)	Beaujour
Barton (Benj.) Smith, M.D.). • *168, 178,	Beaumont (Dr.) 631
187, 188, 198, 206, 217, 227, 235, 237,	Beaurepaire (Quesnay) vide De
246, 253, 266, 268, 269, 276, 277, 280, 290,	Beaurepaire
320, 346, 357, 369, 381, 392, 399, 411,	Beauvois, 220, 225, 238, 247, 248, 249, 252, 255,
433, 438, 441, 443, 451, 459	271, 273, 462
Barton (Dr.) 176, 179, 183, 185, 186, 191, 192,	Beauvois vide also De Beauvois
196, 197, 198, 201, 202, 205, 206, 209, 213,	Beauvoir 232, 233, 234, 284
220, 223, 227, 228, 229, 234, 237, 241, 245,	Beccaria
246, 249, 252, 254, 255, 257, 258, 260, 262,	Beck (T. Romeyn)
263, 267, 272, 273, 274, 276, 277, 281, 282,	Beckley (J.)
284, 289, 294, 296, 298, 301, 303, 306, 314,	Becquerel 605, 612
317, 320, 322, 323, 327, 328, 329, 330, 331, 1	Becson (Rev.)

PAGE.	PAGE.
Beddoes (Dr.)	Bigelow (Dr. Jacob) 469, 474, *481, 482
Bedford (Dr.)	Bigsby (John J., M.D.) *536, 537, 539
Beesley 471, 504, 506, 508	Billé (Steen)
Beeson	Billings (Capt. Wm.) 194, 206, 207
Belknap (Rev. Jeremy) 117, *121, 125,	Bingham (Wm.) *147
127,204, 206, 212, 221, 339	Binney (B.)*122, 136, 147
Bell (Conrad J.) 447, 481	Binney (Horace) *407, 408, 412, 433, 435,
Bell (Dr. John) 470, *623, 660, 663, 672,	438, 439, 442, 450, 452, 457, 458, 460, 478,
673, 680, 690	484, 507, 534, 535, 537, 675, 695
Bell (Robert)	Binns (John) 349, 386, 456, 490
Bellidor	Bion
Bembridge $(H.)$, *61, 62	Biot
Benezet (J.) 100, 434	Birch (W.Y.) 262, 315, 322
Bennet	Black (Dr.)
Bentham	Blackstone 401
Bentley (Rev. W.) *426	Blackwell (Rev. Dr. R.) *122, 129, 158,
Berchtold	 187, 192, 211, 221, 231, 235, 237, 242,
Bergius (Dr. P. I.) *19, †188	277, 290, 298, 323, 369
Bergman (Dr. Torbern) *75	Blagden (Dr. C.) *168, 197
Bergsten (M.)	Blainville vide De Blainville
Berkley (Rob.) 300	Blair (Rev Sam., D.D.) *256
Bernard (C.)	Blanch (J.)
Berthelot	Blanchard
Bertholet 299, 417	Blanchet (Dr. Francis) *308, †701
Berzelius (J. J) $*496, 597$	Bleakeley (John) . *172, 177, 192, 198, 212,
Betton (Dr. Samuel) 436, *582	$214, 218, 221, 223, \ 227, 229, 230, 232, 233,$
Bettle (Wm.)	234, 235, 237, 239, 240, 241, 242, 243,
Bezout	245, 246, 247, 248, 252, 258, 262, 266, 273,
Bickley	279, 281, 282, 284, 290, 291, 294, 296, 300,
Biddle . 17, 38, 76, 78, 79, 88, 89, 92, 102, 106,	302, 310, 311, 312, 314, 318 320
108, 110, 113, 117, 440, 448, 453, 471, 485,	Bloomfield (Jos. E.) 603
489, 527, 535, 574, 616	Blumenbach (J. Fred., M.D., F.R.S.)
Biddle (Clement) *9, 32, 61, 71, 95, 150,	232, *270, 579
156, 191, 596	Boardley (J. Beale) 109, 112, *116, 155,
Biddle (Col. Clement C.) *502, 506, 507,	228, 298
 516, 517, 518, 519, 520, 521, 523, 524, 526,	Bodoin
527, 528, 530, 531, 532, 534, 535, 537, 540,	Bollmann (Justus Eric, M.D) . *294, 299,
544, 547, 548, 549, 555, 560, 562, 565, 566,	309, 320, 343, 414, 419, 439, 442, 460
573, 575, 576, 584, \$588, 591, 599, 601, \$612,	Bond 9, 10, 12, 17, 19, 31, 33, 35, 36, 38, 42,
[613, [622, [623, [629, [630, 640, 643, 645,	48, 44, 45, 46, 48, 50, 52, 53, 56, 57, 58,
646, 661, 662, 663, 665, 672, 680, 682, 698,	59, 62, 64, 65, 66, 67, 69, 70, 71, 72, 73,
702, 706, 709	
Biddle (E.)	97, 98, 100, 101, 109, 110, 111, 114, 115, 121
Biddle (James) 5, *14, 192 Biddle (John G.) *448, 450, 452, 467, 472,	i "
473, 481, 504, 507	Bond (B., Jr.)
Biddle (Nicholas) . *439, 452, 465, 470, 478,	Bond (Dr.). 13, 15, 18, 20, 25, 39, 75, 76, 85,
479, 481, 484, 486, 490, 498, 499, 508, 517,	89, 96, 98, 103, 104, 105, 106, 107, 112, 113,
521, 524, 535, 537, 543, 556, 564, 565, 588,	115, 119, †125
604, 612, 614, 617, 643, 672, 697	Bond (Dr. Phineas) *1, *3, 7, 8, 11, 12,
Biddle (Owen) *9, 11, 31. 37, 40, 42, 47,	18, 84
49, 52, 53, 54, 55, 56, 57, 59, 60, 61, 62,	Bond (Dr. Thos.) *1, *3, *5, 7, 8, 9, 10,
66, 68, 69, 71, 73, 74, 77, 80, 81, 82, 84,	16, 17, 19, 20, 22, 23, 24, 32, 47, 49, 60,
85, 90, 91, 94, 95, 99, 100, 101, 103, 110,	61, 77, 81, 85, 91, 94, 98, 99, 100, 112,
111, 114	129, 658
Biddle (Thomas) *589, 591, 594, 596, 614,	Bond (T., Jr.) *12, 24, 44, 85, 86, 89,
 643, 668, 672, 693, 697, 700, 709	94, 121

PAGE.	PAGE.
	Brinton (J. H.)
Bond (Watts)	
Bonaparte (Charles Lucien) *529, 535, 537,	Brisbane (Jas.)
540, 541, 542, 544, 547, 553, 554, 558, 569,	Brisseau-Mirbel 375, 417
571, 575, 581, 582, 583, 643	Brissot (John Peter) 165, 198
Bonfils	Brodie (C. C.) 542, 543
Bonne	Bronchant 417
Bonpland 445	Brockenbrough (Jno.) *663, 702
Borda (Pingre) 695	Brongniart (Alex.) 417, *490
Borgnis (J. A.)	Bronson
Born	Brooke
Borson (Stephano)	Brown 321, 375, 390, 483, 484, 485, 486, 487,
Botta (Carlo) 464, *466, 502, †707	488, 504, 520, 528, 529, 543, 572, 575, 580
Boudinot (Elias)	Brown (Dr. Chas.) . 207, 380, 382, 447, 487,
Bougainville vide De Bougainville	571, 576
-	Brown (Frederick) 623, 624
Boulton (Mat.)	Drawn (Hon James) 559 *569 579
Bournon vide De Bournon	Brown (Hon. James) 558, *568, 572,
Boushe (C. Paul) 651, 656	595, 599, †670
Boussingault 626	Brown (John)
Bowditch (N.) . 330, 406, 412, 414, *415, 431,	Brown (John P.) 681
482, 598	Brown (Jos.) 699
Bowdoin (Hon. Jas.) 111, *147, 179, 391	Brown (Dr. Sam.) . *299, 322, 344, 374, 379,
Bowen (S.)	401, 402, †599, 600
Boyd (Wm.)	Brown (Thos.) 20
Boyle	Browne (Peter A.) 467, 469, 470, 527,
Boyle (Peter)	528, 601, 606, 686
	Browne (W. Laurence) 317
Boyle (R.)	Bruce (Archibald, M.D.) *400
Boys (Dr. Wm.)	Bruni
Bozman	Brutus
Brackenbridge (H. M.) 441, 452, 457	Bry 626, 627, 628
Bradburn (Col. J. D.)	Bryan (George) 3, 7, 8, 50, 51, 110, 121,
Bradford 19, 20, 32, 33, 37, 45, 52, 54, 55,	147
57, 58, 59, 60, 62, 63, 64, 65, 66, 68, 69, 70,	Bryan (Dr. Wm.)
71, 72, 73, 79, 80, 81, 82, 83, 84, 85, 86, 88,	Bryant (Dr.)
89, 91, 93, 96, 102, 128, 129	Buch
Bradford (Dr.)	Buchan (Earl of) 164, *220, 228, 232,
Bradford (Samuel F.) 310, 604	258, 323
Bradford (Thos.) *5, *14, 36, 84, 99, 100,	•
125, 463, 607	Buchanan (Dr. Géo.) 171, 172, 228, 392,
Bradford (William) 84, 136, 147, 158, 167,	402, 403, 404, 405, 441
184, 191, 607, 611	Buchanan (J.)
Brahm vide De Brahm	Buel (Abel)
Braithwaite	Buffon (Comte de) 6, *18, 19, 41, 63,
Brand (Jno.)	88, 91, 94, 95, 104, 105, 154, 381, 478
Brandis	Bujalsky (Prof.) *630
	Bulfinch (C.)
Branston	Bull (Marcus) 305, 552, 553, *566, 576
Brearly (David)	Burd
Breck (S.)	Burd (E. S.)
Breckenridge	Burgius (Dr. P.) *6, 18, 73
Bretton vide De Bretton	Burgsdorf
Brewster (Sir David) 630	Burgsten
Bridges (Robt.)	Burke
Briggs (Isaac) . *236, 311, 336, 337, 338, 358,	Burns (James)
398, 406, 412, 420, 445, 458	Burmann (Nich. L., M.D.)
Bright (H.)	Burrough (Marmaduke, M.D.) 626,
Bring (E. S.)	*630, 638, 646, 657
Bringhurst (James) 24, 32, 33, 50, 54, 56,	Bury
60, 61, 64, 66, 87, 95, 150, 171, 173, 188	Busby (C. A.)
00, 01, 01, 00, 01, 00, 100, 111, 110, 100	Dussy (O. A.)

PAGE.	PAGE.
Busching	Carré (C.)
Bushnell (D.)	Carré (J. T.)
Bustamenti (Don José Maria) . *576, †600	Carson
Butts vide De Butts	Carter (Col. Landon) 19, 20, *35
Byrd (Col.)	Carver
Byrn	Caslon & Son
Byrnes (Daniel)	Cass (General Lewis) *558, 564
Bywater (J.)	Cassitani (Count Morozza) 155
By water (b.).	Castaneda
C.	Castilione (Count de) *144, 146
·	Cather (Dr.)
Cabanis	Cathrall (Dr. Isaac) *240, 242, 245, 246,
Cadbury (H.)	247, 270, 300, 399
Cadet	Castro (Joas de) 170
"Cadmus"	Cavallo
Cadwalader (Dr.) *7, 8, 10, 11, 24, 41	Cavallos (Don Pedro)
Cadwalader (Samuel G.)	Cayruvide De Cayru
Cadwalader (Thomas) *542	"C. c. Br."
Cadwalader (Dr. Thos.) *4, 23	Ceracchi (Jos.) *201
Caffrey (I.)	Cerachi
Cagnoli	Cerachie
Caillard	Cerrachi
Caire-Morand	Chabert
Caldas vide De Caldas	Chalmer
Caldwell (Dr. C.) 121, 147, 232, 235, 240,	Chamberlain
243, 246, 247, 252, 253, 257, 258, 261, 281,	Chambers (Geo.) 475
282, 284, 286, 288, 290, 310, 311, 314, 315,	Chapman . 222, 398, 400, 401, 402, 403, 405,
321, 322, 326, 327, 328, 330, 332, 333, 334,	406, 412, 413, 414, 415, 418, 419, 421, 425,
345, 346, 348, 349, 363, 370, 383	[432, 436, [438, 439, 442, 443, 445, 449, 452,
Caldwell (Samuel) *5, *12	453, 454, 468, 469, 471, 472, 473, 474, 478,
Camac (Wm. M.) 601	481, 483, 484, 489, 492, 493, 495, 496, 500,
Campbell (George) *702, 708, 709 Camper (Adrian Giles) *390, 419, 458,	501, 502, 504, 506, 507, 516, 517, 518, 520,
466, 468	521, 523, 526, 527, 528, 531, 535, 541, 548,
Camper (Peter)	555, 565, 566, 569, 577, 57×, 582, 588, 591,
Campomanes (Count) *121, 162	594, 596, 598, 602, 612, 613, 614, 616, 617,
Camus	618, 624, 625, 626, 628, 629, 613, 645, 651,
Cantwell	660, 663, 668, 672, 673, 679, 684, 697,
Car (N.)	699, 700, 705, 709, 710
Carache (Joseph)	Chapman (Isaac A.)
Carena (Hyacinth) *613	Chapman (Josiah) $490,494$
Carey 344, 395, 474, 498, 504, 505, 506, 507,	Chapman (Nathaniel, M.D.) *396, 397,
508, 509, 514, 515, 516, 518, 519, 520, 521,	399, 401, 427, 432, 433, 435, 438, 451, 455,
522, 523, 526, 527, 528, 529, 530, 532, 535,	 460, 470, 512, 521, 528, 537, 546, 555, 556,
537, 541, 544, 571, 576, 580, 584, 586, 601,	565, 569, 573, 576, 584, 585, 589, 601, 644,
646, 668, 680, 682, 685, 702, 709	676, 683, 691, 702
Carey & Son 475, 489	Chaptal
Carey (Henry C.) *633, 648, 661, 663	Charles
Carey (Matthew) 161, 221, 378, 482, 484,	Charlevoix
485, *503	Chastellux
Carey (W.)	Chaulnes vide De Chaulnes
Cardenas 695	Chaumont vide De Chaumont
Caritas	Chauncey (Charles) 338, *442, 450, 478,
Carle	508, 535, 537
Carlisle (Nicholas, LL.D.) . *685, 689, 693	Chaupard
Carlson (Gustavus) 243	Chazotte
Carmelo (Do Monte) $\dots \dots 652$	Chew (Col.)
Carminati	Chew (Benjamin)

PAGE.	PAGE.
Chew (Benj., Jr.) *147, 192, 570	Coates 344, 520, 521, 527, 528, 529, 531, 552,
Cheves (Langdon) *499, 500, 526, 532	553, 554, 560, 563, 565, 571, 574, 579, 588,
Chipchase (John) 349	590, 591, 594, 596, 601, 628, 648, 646, 653,
Chomel	660, 667, 679, 680, 682, 684
Chonan	Coates (Dr. B. H.) . 488, *519, 532, 540, 544,
Church (Dr. John) *326, 328, 329, 330,	576 580 600 606 616 654 661 669 707
332, 333, 336, 342, 344, 346, 350, 351, 365,	576, 580, 600, 606, 616, 654, 661, 663, 705
368, 369, 370, 376, 377, 379, 381	Coats
	Coats (S.)
Churchman (Jno.) . 103, 104, 148, 150, 151,	Cochran vide Stewart & Cochran
173, 178, 183, 197, 257	Coelogenus
Cicero	Cointereaux 408, 410
Cirbet (Michael) 64	Colden
Cirillo (D.)	Colden (Hon. Cadwallader) 2, *4, 65
Cist vide Styner & Cist	Coleman (W.)*1, *3
Civiale	Coles (Ed.) 551, 606, 614
Clark (Daniel)	Colhoun (Dr. Sam.) *454, 455, 456, 458,
Clark (Ed.)	459, 460, 465, 466, 467, 468, 469, 470,
Clark (Gen.)	471, 472, 478, 474, 479, 482, 483, 484, 485,
Clarke	487, 489, 490, 496, 499, 501, 502, 532, 538,
Clarkson . 32, 36, 41, 44, 50, 52, 54, 55, 59, 60,	541, 546, 530, 565, 567
63, 64, 65, 66, 70, 77, 79, 81, 82, 83, 84, 115,	Colla (Aloysio)
192, 446	Collin (Rev. Dr. Nicholas) 142, 168, 172,
Clarkson (Dr. Gerard) 33, 43, 99	177, 185, 186, 187, 191, 192, 195, 197,
Clarkson (Matthew) 33, 99, 100, \parallel 101,	198, 199, 201, 202, 205, 207, 208, 209, 212,
110, 298	215, 216, 217, 218, 219, 220, 221, 223, 225,
Clavening	
Clavigero	226, 227, 228, 229, 230, 231, 233, 234, 235, 237, 238, 240, 245, 246, 247, 249, 252, 254,
Clay (Joseph) . *283, 284, 285, 286, 289, 290,	255, 257, 258, 260, 261, 264, 262, 264,
296, 297, 298, 299, 300, 301, 302, 303, 304,	255, 257, 258, 260, 261, 264, 265, 266, 270, 271, 272, 272, 273, 274, 275, 277, 277, 277, 277, 277, 277, 277
305, 306, 307, 308, 309, 310, 311, 312, 316,	271, 272, 273, 277, 278, 279, 281, 282, 283,
317, 319, 320, 326, 334, 359, 367, 374, 388,	284, 286, 288, 290, 295, 297, 298, 300, 304,
	807, 309, 311, 314, 318, 319, 320, 323, 330,
394, 296, 397, 399, 400, 403, 404, 406, 407,	335, 336, 342, 343, 344, 345, 346, 348, 349,
408, 410, 422	351, 357, 358, 359, 360, 362, 363, 365, 3 68,
Claypole	369, 370, 375, 378, 379, 381, 381, 382, 383,
Claypole & Dunlap vide Dunlap &	385, 386, 387, 388, 389, 390, 392, 894, 396,
Claypole	398, 399, 400, 403, 404, 405, 406, 407, 410,
Claxton (Thos.)	411, 412, 413, 415, 419, 420, 423, 425, 426,
Cleaveland (Prof.) 517	430, 431, 432, 435, 436, 437, 438, 439, 440,
Clem	442, 443, 450, 451, 453, 458, 460, 461, 467,
Clemson (J. G.) 690	468, 472, 473, 474, 475, 476, 482, 487, 489,
Clener	490, 491, 493, 495, 496, 497, 498, 499, 500,
Cleveland (Parker) 469, *481	501, 502, 505, 506, 507, 508, 509, 516, 517,
Clibborn (Edward) 598	518, 520, 523, \$\ 524, 526, 527, 528, 529, 530,
Clifford (J. D.)	531, 532, 535, 537, 541, 543, 544, 545, 546,
Clifford (T.) 24, 32, 33, 34, 39, 49, 52, 54,	547, 548, 550, 551, 554, 556, 557, 559, 560,
55, 56, 59, 60, 61, 64, 65, 68, 69, 70, 77, 78,	 561, 565, 571, 575, 576, 612, †619, 620,
79, 80, 84, 86, 94, 145, 158, 168, 173, 175,	642
185, 220, †230	Collins (Zaccheus) 359, 360, 361, 362,
Clinton (Hon. Dewit) . *447, 454, †578, 617	365, 368, 369, 370, 371, 372, 373, 375, 376,
Cloud (Jos.) *382, 383, 384, 385, 386, 387,	378, 379, 380, 381, 385, 386, 387, 388, 389,
388, 389, 390, 392, 393, 394, 396, 397, 400,	390, 393, 397, 398, 399, 400, 401, 402, 403,
401, 402, 403, 405, 407, 408, 410, 415, 416,	404 405 406 407 410 419 419 414 415
417, 418, 419, 420, 423, 426, 427, 432, 438,	404, 405, 406, 407, 410, 412, 413, 414, 415, 416, 417, 418, 421, 422, 422, 427, 420
439 443, 445, 446, 447, 448, 450, 451, 454,	416, 417, 418, 421, 423, 425, 426, 427, 428, 431, 432, 433, 424, 425, 427, 422, 423, 424, 425, 427, 422, 423, 424, 425, 427, 422, 423, 424, 425, 427, 422, 423, 424, 425, 427, 422, 423, 424, 425, 427, 422, 423, 424, 425, 427, 422, 423, 423, 424, 425, 427, 422, 423, 423, 424, 425, 427, 422, 423, 423, 424, 425, 427, 422, 423, 423, 424, 425, 427, 422, 423, 423, 424, 425, 427, 422, 423, 424, 425, 427, 422, 423, 424, 425, 427, 422, 423, 424, 425, 427, 422, 423, 424, 425, 427, 422, 423, 424, 425, 427, 422, 423, 424, 425, 427, 422, 423, 424, 425, 427, 422, 423, 424, 425, 427, 422, 423, 424, 425, 425, 427, 422, 423, 424, 425, 425, 427, 422, 423, 424, 425, 425, 427, 422, 423, 424, 425, 425, 427, 422, 423, 424, 425, 425, 427, 422, 423, 424, 425, 425, 427, 422, 423, 424, 425, 425, 427, 422, 423, 424, 425, 425, 427, 422, 423, 424, 425, 425, 427, 422, 423, 425, 425, 427, 422, 423, 425, 425, 425, 422, 423, 425, 425, 425, 425, 422, 423, 425, 425, 425, 425, 422, 425, 425, 425, 425, 425, 422, 425, 425, 425, 425, 425, 422, 425, 425, 425, 425, 425, 425, 422, 425, 425, 425, 425, 425, 425, 422, 425, 425, 425, 425, 425, 422, 425, 425, 425, 425, 425, 422, 425, 425, 425, 425, 422, 425, 425, 425, 425, 422, 425, 425, 425, 425, 422, 425, 425, 425, 425, 422, 425, 425, 425, 425, 422, 425, 425, 425, 425, 422, 425, 425, 425, 425, 422, 425, 425, 425, 425, 422, 425, 425, 425, 425, 422, 425, 425, 425, 422, 425, 425, 425, 425, 422, 425, 425, 425, 425, 422, 425, 425, 425, 425, 422, 425, 425, 425, 425, 422, 425, 425, 425, 425, 422, 425, 425, 425, 425, 422, 425, 425, 425, 425, 422, 425, 425, 425, 425, 422, 425, 425, 425, 425, 422, 425, 425, 425, 425, 422, 425, 425, 425, 425, 422, 425, 425, 422, 425, 425, 422, 425, 425, 425, 422, 425, 425, 425, 422, 425, 425, 422, 425, 425, 422, 425, 425, 422, 425, 425, 422, 425, 425, 422, 425, 425, 422, 425, 425, 422, 425, 425, 422, 425, 425, 422, 425, 425, 422, 425,
457, 463, 466, 468, 469, 476, 480, 483,	431, 432, 433, 434, 435, 437, 438, 439, 442,
484, 487, 492, 499, 505, 507, 532, 595	448, 445, 447, 448, 449, 450, 451, 452,
Nymer (George) 398, 483, 462, 483	454, 455, 458, 459, 460, 461, 463, 464, 465,
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	467, 468, 470, 471, 472, 478, 474, 475, 476,

PAGE.	PAGE.
Collins (Zaccheus), continued—	Cooper (Dr. T.) . *320, 450, 457, 463, 469, 483,
478, 479, 481, 482, 484, 485, 486, 487, 488,	487, 584
489, 490, 491, 492, 493, 494, 495, 496, 497,	Copernicus
 498, 499, 501, 502, 503, 504, 505, 506, 	Coppenger (Jos.) 420
507, 508, 510, 512, 513, 514, 516, 517,	Cornwallis (Lord) 264, 658
518, 520, 521, 522, 523, 524, 525, 532, 533,	Correa 431, 435, 437, 438, 439, 440, 411, 443,
534, 535, 537, 543, 544, 546, 547, 548, 551,	445, 449, 450, 451, 452, 453, 454, 455, 459,
559, 560, 564, 568, 570, 571, 572, 573,	460, 461, 462, 465, 466, 469, 470, 472, 473,
574, 576, 583, 584, 585, 588, 590, 596, 597,	474, 482, 483, 486, 487, 488, 489, 490, 495,
598, 601, 604, 612, †617, 623, 624, 642, 649	496, 498, †527, 539, 613
Collins (Christopher) 82	Correavide also de Serra
Collyer (Dr. W. Bengo) *519	Corse
Colrain	Cortez (General)
Columbus (Christ) 384	Cossigny 407, 409
Columbus (Ferdinando) 384, 385	Cottineau 397
Combe	Couldery (W.) 259, 261
Combe (Thomas) 44, 61	Coulter (Thos.) 303, 304, 312
Combes	Coupigny *212
Commerell vide De Commerell	Courtanvaux 315
Condie (D. Francis, M.D.) *664, 666, 684	Courtenay (Prof. Ed. H.) 655, 660, 661,
709	*663, 664, 667, 668, 671, 672, 676, 677, 678,
Condamine	679, 680, 682, 685, 686
Condorcet (Marquis de) 94, *95, *144,	Cowley
497, 600	Cowper (Dr.)
Condy	Cox
Connelly (I.)	Coxe. 238, 239, 240, 241, 244, 255, 357, 358, 359,
Conover (Samuel F., M.D.) 223, 387,	360, 361, 363, 365, 369, 371, 378, 376, 377,
*390, 391, 392, 393, 394, 396, 399, 400,	387, 390, 398, 418, 437, 439, 463, 477, 482
401, 402, 403, 405, 409, 410, 417, 418, 421,	Coxe (Daniel)
425, 426, 428, 433, 439, 450, 480	Coxe (J. D.)
Conrad & Co. (I.)	Coxe (James)
Conrad (Jno.)	Coxe (John)
Conrad (S.) 543, 545, 551, 552, 553, 558,	Coxe (Dr. John Redman) . 263, 274, *283,
563, 594, 596, 601, 602	285, 286, 288, 290, 294, 297, 298, 299, 300, 303, 304, 306, 307, 309, 310, 311, 312, 314,
Conrad (Sol. W.) 447, 454, 474, *508,	315, 316, 317, 318, 319, 320, 321, 323, 325,
†619, 620 Conungham (Radmond) 455, 458	326, 327, 328, 330, 332, 333, 334, 336, 337,
Conyngham (Redmond) 455, 458, *490, 502, 518	338, 339, 340, 341, 342, 343, 346, 348, 349,
Cook	350, 351, 361, 381, 392, 482, 483, 440, 441,
Cooke (J.)	442, 472, 478, 491, 495, 532
Cooke (Capt.)	Coxe (Tench) 183, *236, 246, 262, 268, 273,
Coombe (Rev. Thos.) . 11, 12, 19, 45, 46, 52,	275, 278, 282
59, 61, 62, 63, 64, 65, 66, \(\(\) (69, 70, 71, 73, \)	"C. P."
74, *75, 76, 83, 84, 85, 86, 88, 91, 94,	Craig (Major Isaac)
96, 98, 108, 130	Craig (Peter)
Coombe (T., Jr.)	Cram
Coombes-Dunois 399	Creasie(Dr.)
Coombs	Crell (L.)
Coombs (Thos.)	Creswell (Ch.)
Cooper 334, 393, 414, 443, 445, 449, 460,	Crevecœur (St. John) vide De Creve-
461, 464, 467, 468, 470, 471, 472, 477, 481,	Cœur 168, 173
482, 433, 486, 487, 488, 489, 490, 491	Crevelli (Dr.) 593
Cooper (Judge)	Crocker (Henry) 161
Cooper (Jas.)	Croixvide De la Croix
Cooper (Jos.)	Croker
Cooper (Prof.)	Croker (Rev. Temple Henry) 152
Cooper (Rev. Dr. Myles) *35	Crookshank

PAGE.	PAGE.
Crosse (John G.) *702	Davidson (Dr.) *15, 17, 19, 20, 44, 50, 52,
Cruikshank	57, 61, 84, 115, 160, 191, 192, 217, 227,
"Ctesebes"	228, 235, 239, 247, 248, 255, 256, 261,
Cubi (Mariano) 581	264, 265, 266, 267, 277, 278, 282, 369
Cullen (Dr.) *6, 18, 19	Davidson (James) *6, 14, 43, $\ 217$,
Culley	246, 277
Cuñat (Joanne Baptista) 240, 241	Davis
Cunningham (S.) 66	Davis (Dr.)
Currie (Dr. W.) . *207, 212, 221, 227, 230,	Davis (Benjamin)
231, 234, 235, 238, 239, 240, 241, 246, 247,	Davis (D.)
255, 266, 267, 279, 288, 295, 307, 311, 314,	Davis (J.)
318, 319, 328, 345, 346, 360, 365, 368, 369,	Davy (Captain J.) 404, *426, 431
404, 406, 410, 426, 433, 439, 443, 452, 453,	Davy (Humphrey) *423, 438
454, 458, 459, 460, 462, 468, 472, 473, 476,	Dawes (J.)
479, 482, 487, 498, 500, 503, 507	Dawkins (Henry) 54, 62, 64
Curry 442, 447, 448, 450, 465, 531	Dawson (J.) 590, 591
Curson	Dayton (Col.) 671
Curtius	D'Azambuja (Com. Torlade) 584, 640
Custis (P.)	Deabbate (Gaspard) *517, 518, 519, 520,
Cutbush (Dr. Jas.) 314, *443, 444, 445,	521, 522, 532, 541, 542, 543
455, 459, 460, 472, 487	De Abrahamson 605
Cuthbert (Ross)	De Andrada e Silva (J. B.) *514, 521
Cutler (Rev.)	De Arango (Don Josef) 309
Cuvier (Baron) . 310, 399, 419, 534, 628, 629,	Dearborn (Ben.) *337, 378, 460, 519
640, 647, 648	Dearborn (J.)
, ,	Dearborne
D.	Deas (Lieut. Allen)
D'Abeville	De Azanbiya [sic] (Tirlader) 666
Dabney	De Beaurepaire (Quesnay) 171
Dacier	De Beauvois (Palisot)*201, 202
Dacosta (Francis)	De Beauvue (Pat.)
Dallas (Alex. J.) 198, 215, 393, 398, †469	De Blainville (H. M. Ducrotay) .*485, 488
Dalman (J. Wilhelm, M.D.) *566, 578	De Bournon
Dalton	De Bononiensi
Dana (Francis)	De Bougainville
Danby	De Brahm (Major) *121, 124, 209, 237
Dandivan	De Bretton (Baron Fred.)
Daneufville	De Buch (Leopold) 529
D'Angeville (Marquis) *122	
Daniel (Prof.)	De Butts (Dr.) 447, 448, *502, 504
Daniell (Dr. W. C.)	De Caldas (F. I.)
Dannery (Consul General) 623, 680	De Castro (Don Joas)
Dantes	
Darby (W.) . 463, 464, 473, 508, 595, 639, 648	De Cayru (Barão)
Darley	
Darlington (Dr. W.) 409, *519, 554	De Chaumont (Ray)
D'Armours (Chev.)	
Darwin (Erasmus, M.D.) *207	De Correa (J.)
Da Serra (Edward Correa)	Decquemare (Abbé)
	De Creve-Cœur (St John) 385
Dashkoff (La Princesse) 169, *172, 204, 478, 483	De Ferrer (Don Jos. Joachim) 309,
Da Silva	*311, 326, 365, 384 388, 408
	De Ferrer (Juan Manuel) 399
Daubas	De Foronda 332, 369, 389, 395, 404
	De Frere (Chev.)
Daunon	De Garda (Diego)
Davezac	De Gardoqui
David	De Giraldes (J. P. C. Cassado) *568
PROC. AMER. PHILOS. SOC. I. liv	PRINTED JANUARY 24, 1885.

PAGE.	PAGE.
De Gournoff	Desagulier
De Granchain	De Sagra (Ramon) 672
De Haven	De Santarem (Viscount)584
De Ham (Colius) 484	De Saussure (Judge) 316, 483
De Humboldt (Le Baron Alexan-	Des Barres
dre)	De Schweinitz (Rev. Lewis D.). †648, 649
De Hupsch (Baron) 176, 207	De Sedeno (J.) 406
De Jaudenes (Don Joseph) 240, 302	De Sejours
De Kay (Dr.)	De Serra (Abbé Correa) *432, 434, 462,
De Konnick	478, 498, †527, 539, 613
De la Croix	vide also Correa.
De la Forest (Anthony Renatus	De Silver (Robert) 462, 481, 486, 488,
Charles Mathurin) *201, 509	493 544 54 R
De la Lande	Desilver (T.)
De la Luzerne (Chevalier) 109	Deslozieres
De Lambre (J. B. Jos.) . *337, 373, 410, 441	Desmarest (A. S.)
Delametrie	Des Moulins
Delany (Sharp)	De Solis (Antono)
	De Soto (Garcilaso de la Vega Fer-
Delancy (Rev. Wm. H.) *589, 615, 617, 636, 643, 689	nando) 695
Delano (Capn. A.)	De St. George (Chev.) 209
Delaplaine	De St. Mery (Moreau)
Del'Asteyrie (Ch. Philibert) *400, 407, 649	De Struvé (Henry) *558
	Destutt-Tracy
De la Tynna	De Ternant
De Liancourt	
De Lesseps	De Tracy
De l'Isle	De Urbina (L.)
De la Lastra	
De la Llave (Don Pablo) *550	De Vaux (Cadet)
Del'or (M. le B.)	D'Evereux (Gen.)
De Lozière (Baudry)305	Deveze (Dr.) 225, *236, 239, 252, 261, 273
Del Rio (Andreas) . 485, *604, 605, 612, 615,	vide also "Dewees"
616, 617, 622, 638, 641, 645, 646, 650, 651,	Deva (Vopa)
652, 653, 655, 659	De Waldheim (G. Fischer) 559, 597
De Luc	De Wallenstein (Jules) 520, 529, *599,
Deluse	601
De Maltitz (Baron)	De Warville (Brissot) 165, *168
De Melito (Count Miot) *545	Dewees (Dr.)*236, 491, 493, 495, 496, 498, 499,
De la Morinière (S. B. J. Noel) 441	500, 502, 507, 509, 516, 519, 520, 521, 523,
De Marbois (Barbé) 164, 376, †700	529, 535, 537, 543, 547, 548, 553, 558, 574,
Demaree (S. R.) 370, 371	576
De Moleon	Dewees (Dr. W. P.)
De Montbret (Baron Coquebert) *517	De Wit (Simeon) *147, 397, †662, 675
De Montargis	De Witt (B., M.D.)
De Nemour (Dupont) . 296, 298, *299, 300,	Dexter (And. A.) 594, 596, 648
313, 317, 399, 425, 429, 457, 458, 459, 468	Lexter (S. N.)
De Neufville (Baron Hyde) 593, *589	De Yrujo (Don Chev. Carlos Marti-
Dennis	nez)
Denmark (King of) 585	De Zach (Francisco) *262, *266
Denon	Diaper
Denormandie (Dr. J.) *6, 17, *19,	Diaz (Bernal)
44, 65, 75	Dietz
De Paykull	D'Heritier (Citizen)
De Pereira (J. Barrozo)545	Di Hemsö (Jacopo Graberg) *459, 477
De Rochelle (Roux) 676, *693	549, 550, *558
De Romanzoff (Count Nicholas)*536, 546	Dickenson (James) *4, *5, *7, 9, *12, 15
De Roxas	17, 18, 19, 20, 31, 65, 68, 72, 150, 340

PAGE.
Dulancey (Daniel) *4
(vide Dulany)
(vide Dulany) Dulaney
Dumeril (Constant) 439
Dun
Dunbar 308, 309, 323, 332, 340, 350, 351,
367, 389, 390, 410, 411
Dunbar (Dr. J. R. W.) 638
Dunbar (R.)
Dunbar (William) *294, 319, 350, 362,
388, 472
Duncan (Dr. And.) 86, 147
Duncan (Stephen) 589
Dundonald (Earl of) *228
Dunglison (Dr. Robley) *623, 631, 693,
694, 697, 702, 709
Dunlap 79, 124, 152, 709
Dunlap & Claypole 155, 159
Dunlap (J.)
Dunlap (Thos.) *708
Dunn
Dunn (Nathan) *680, 681, 685, 693
Dunn (Samuel)
Du Plessis (B.)
Du Ponceau (Chev. John M.) *522,
†675, 676
Duponceau (Peter S.) 170, *195, 198,
199, 200, 202, 207, 215, 221, 222, 223, 225,
240, 270, 272, 273, 282, 290, 297, 300, 306,
307, 309, 310, 313, 314, 318, 330, 333, 336,
343, 346, 348, 357, 358, 359, 360, 361, 362,
363, 364, 365, 368, 369, 370, 371, 372, 373,
374, 375, 378, 379, 380, 381, 382, 383, 384,
387, 388, 389, 390, 391, 392, 394, 395, 396,
399, 401, 402, 403, 404, 405, 406, 407, 408,
409, 410, 411, 412, 413, 414, 415, 416, 417,
418, 419, 423, 425, 426, 429, 430, 431, 432,
433, 434, 435, 436, 437, 438, 440, 442, 443,
445, 447, 448, 449, 450, 452, 453, 454, 455,
457, 458, 459, 460, 461, 462, 463, 464,
465, 466, 467, 468, 469, 470, 471, 472, 475,
476, 477, 479, 480, 481, 482, 483, 484, 485,
486, 487, 488, 489, 490, 491, 492, 493, 494,
495, 496, 497, 498, 499, 500, 501, 502, 503,
504, 505, 506, 507, 509, 511, 512, 513, 514,
515, 516, 517, 518, 519, 520, 521, 522, 523,
524, 525, 526, 527, 528, 529, 530, 531, 532,
533, 534, 535, 536, 537, 539, 540, 541, 543,
544, 545, 546, 547, 548, 550, 551, 552, 553,
554, 555, 556, 558, 559, 560, 561, 562, 563,
564, 565, 566, 567, 568, 569, 570, 572, 573,
574, 575, 576, 577, 578, 579, 580, 581, 582,
583, 584, 585, 586, \$588, 589, 590, 591, 592,
593, 594, 595, 596, 597, 598, 599, 600,
601, 603, 604, 605, 606, 611, 612, 614, 615,
616, 617, 618, 619, 620, 621, 622, 623, 625,
626, 627, 628, 629, 630, 631, 632, 633, 634,

PAGE.	PAGE.
Duponceau (Peter S.), continued—	Ellis (J.) 87, 88, 92, 303, 304, 310, 312, 460
635, 636, 637, 638, 639, 640, 641, 642, 643,	Elmer (Dr. Jonathan) 42, 87
645, 646, 648, 649, 650, 651, 652, 653, 655,	Elmes (Jon., M.D.)
656, 657, 659, 660, 663, 664, 666, 667, 668,	Elmslie (J., Jr.)
669, 670, 672, 673, 674, 675, 676, 677, 678,	Ely (Rev. Ezra Styles)
679, 682, 683, 684, 685, 686, 687, 688, 689,	Emerson (Gouvernor, M.D.) 572, *633,
690, 691, 692, 693, 694, 695, 697, 699, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710	643, 648, 650, 653, 655, 660, 661, 663, 666,
Dupont 299, 301, 400, 414, 419, 460, 519,	667, 672, 674, 679, 680, 684, 685, 687, 690,
522, 670	691, 697, 699, 702, 703, 704, 705, 709
Du Pont (Dr.)	Emlen (George)
Dupont (E. J.)	Emmett (Dr. J. P.) 709 Engles (Jos.)
Dupont (Iréné)	Erskine (Robert, F.R.S.)
Dupuis	Erving
Du Pratz	Erving (George)
Durald	Esp (R. A)
Du Ronchail	Espy (J. P.) 500, 591, 661, *663, 664, 668,
Du Ryer	671, 672, 674, 675, 679, 680, 682, 683, 684,
Du Simitière (Pierre) 96, 100, 101,	685, 686, 687, 690, 691, 693, 697, 700, 701,
110, 124	702, 707, 709
Dutrail	Euler (L.)
vide Duhail	Eustis (Wm.)
Duvigneau & Parent 487	Evans24, 43, 45, 46, 49, 50, 61, 71
Dwight (J.) 630	Evans (Dr. Cadwalader) *3, *9, 49
D'Yroji	Evans (David) 9, 43, 45, 53, 195
D'Yrugo (Marquis) 390	Evans (Lewis) 628
E.	Evans (Oliver)
Eandi (Prof.) 434	Eve (Oswell)
Earle	Everett (Alexander) *616
Earle	Everett (Alexander)*616 Everett (Edward)571, *616
Earle	Everett (Alexander) *616 Everett (Edward)
Earle	Everett (Alexander) *616 Everett (Edward) 571, *616 Evereux
Earle	Everett (Alexander) *616 Everett (Edward)
Earle	Everett (Alexander)
Earle	Everett (Alexander) *616 Everett (Edward)
Earle	Everett (Alexander) *616 Everett (Edward)
Earle	Everett (Alexander)
Earle	Everett (Alexander) *616 Everett (Edward)
Earle	Everett (Alexander)

PAGE.	PAGE.
Fauchet (Joseph)	Fothergill (Dr. Anthony), contin-
Faujas	ued-
Fawcett (Jos.)	357, 359, 362, 363, 364, 365, 368, 369, 370,
Featherstonhaugh (G. W.) *415, 417,	371, 372, 373, 375, 376, 377, 378, 379, 380,
503, 554, 598, 614, 616, 617, 698	381, 382, 383, 384, 385, 386, 387, 388, 389,
Feburier	390, 391, 392, 393, 394, 395, 396, 397, 398,
Fell (Jon.)	399, 400, 401, 403, 404, 405, 406, 407, 408,
Felsted (Sam.) 59, 71, 283, 284, 288	409, 414, 415, 416, 417, 426, 427, 430, 432,
Ferber	435
Ferguson (F. I.)	195
Ferguson (Jas.) 16, *48, 63, 192	Foulke (J.) *122, 136, 145, 147, 149, 152,
Ferguson (Capt Wm.) 169, *188	154, 158, 165, 169, 170, 194, 209, 611
	Foureroy
Ferrer vide also De Ferrer	Fournier
Ferrer 367, 374, 375, 377, 386, 387, 388,	Fox (Geo.) *122, 142, 152, 168, 170, 171,
391, 396, 397, 407, 408, 409, 410, 411, 463	191, 450
Ferussac 530, 532, 533, 593, 604, 707	Fox (Joseph)
Fessenden	Foxcroft (J.) *5, *12, 23, 24
Feuchtwanger (Dr.) 602, 603	Francis
Feuillée	Frank (J. P.) *473, 600, 601
Fife (Wm.)	Franklin (Benjamin) *1, *3, 23, 24,
Filsted (S.)	39, 47, 49, 57, 61, 66, 69, 72, 73, 74, 75,
vide also Felsted	
Finch (J.)	100, 105, 108, 110, 114, 115, 121, 124,
Findley 268, 277	
Finley	147, 151, 152, 153, 154, 155, 156, 157, 158,
Fisher 32, 33, 45, 51, 52, 54, 55, 59, 60, 61,	159, 160, 161, 162, 163, 164, 165, 166, 167,
63, 66, 78, 80, 86, 97, 633, 643, 645, 646,	168, 169, 171, 172, 173, 174, 175, 1176,
653, 655, 663, 670, 672, 680, 682, 683, 684,	178,179, †181, 183, 188, 189, 190, 191, 192,
687, 691, 697, 698, 701, 702, 703, 705, 709	199, 202, 203, 219, 226, 238, 243, 251, 262,
Fisher (Gotthelf) 431, 474, *481, 640	270, 302, 314, 315, 316, 317, 329, 331, 333,
Fisher (Joshua Francis) 629, *632,	335, 336, 359, 368, 387, 397, 440, 441, 445,
659, 697	446, 543, 547, 584, 625, 654, 660, 668, 679,
Fisher (T.)	680, 686
Fisher (T. R.)	Franklin (Wm., of New Jersey) . *5, *12
Fisher (W. T.)	Franklin (Wm., of Calcutta) 478, 483
Fitch (John)	Franklin (W. Temple) *144, 173, 184
Flagg (H. C.)	Frazer (Clark) 505
Flaxman	Frazer (John)
Fleckeisen (C. G.)	Frederick the Great
Flint (Inc.)	Freechauff (Daniel)
Flint (Jas.)	"Freedom"
Flores (Miguel de)	Freire (Chev. C. R.) *238, 255, 258, 259,
Flourens (M., M.D.)	266, 280
Fontana (Abbè de)	vide also De Freire
Fooks (Samuel) 46, 61, 62, 63, 64, 65, 69,	Frere
89, 94, 99, 101	vide also De Frere
Forest vide also De La Forest	Frihauf (Daniel)
Foronda vide also De Foronda	Fritz (Peter)
Foronda (Chevalier de) *326, 347, 351,	Früchtenicht385
389, 397 Forster (J. R.)	Fry & Co
	Furguson
Forström (I. Frie)	Furness (W. H.)
Forsyth	Furst
Forsyth	Fuss (Nich.)
Foster (J. Reinhold)*215	Fuelte
Fothergill (Dr. Anthony) *48, 63, 187, 201, 206, 281, 312, 346, 347, 348, 349, 350, 351,	Fulton
200, 201, 912, 920, 921, 929, 928, 390, 391,]	Fulton

CI PAGE.	PAGE.
Gage (General) 19, *20	Gilpin (Thos.) 40, 41, *446, 459, 460, 479,
Gale (Dr. Ben.)	485, 486, 489, 490, 521, 532, 547, 575, 576
Gallatin (Albert)	Girard (Stephen)
Gailitzin	Girardin (L. H.)
Galloway (Joseph) *4, *7, 19, 23, 24,	Giraldes vide also De Giraldes
39, 45, 47, 61, 69, 74, 75, 83, 85, 94	Giraldes (J. P. C. Casado) 572, 586
Galvez (Dr. Mariano) *693	Giraud
Galvin	Girle
Gamble (Prof. Arch) *122	Glass 152, 159, 168
Garçao (Francis de Borja) 593	Gloster (Dr.)
Garden (Dr.)	Gloxin (Ben., M.D.) *188
Gardner	Gneuque
Gardoqui (Francis de) *172	Godefroy
Gardoqui vide also De Gardoqui	Godfrey (Thos.)
Garnett (J) 311, *320, 326, 344, 376, 378, 385,	Godman (Dr. J. D.) 518, 530, *542, 543,
400, 402, 413, 415, 418, 420, 435, 447, 488	544, 553, 554, 555, 565, 566, 567, 568, 598,
Gashlier (Dr.)	601, 616, 701
Gaskill	Godon (Silvain) 401, *115, 416, 418, 420,
Gass	422, 423, 426, 427, 428, 429
Gassæ (F. de B.)	Godon (Midshipman L.) 655
Gaston (Wm.)	Goforth (Dr.) 390, 391, 394
Gauld (George) . *48, 80, 81, 82, 87, 343, 344	Goldsborough (R.) *188, 193
Gay-Lussac	Gonzales (Francisco Antonio) . 618, 624,
Gebelin (Court de)	651, 652
Gee (Joshua) 13, 17	Good (J. Mason, F.R.S.)*426, 466
Geisenger (Capt. David) 655, 656, 657	Gordon (E.) 481, 487
Gellert	Gordon (T. F.)
Genet (Citizen)	Gorham
Georges	Goring (Ch.)
Gerard	Gouan
"G. E. S."	Graberg (Jos.)
Gibbons (Dr. T.)	Graeme (Dr. Thos.)
Gibson	Graham
Gibson (J.)	Granchain vide also De Granchain
Gibson (Jas.) 287, 288, 299, 305, *396, 397,	Grant (Jos. P.) 603
399, 400, 403, 406, 407, 408, 409, 410, 413,	Grassi (Dr.) . *236, 238, 242, 255, 258, 299, 305
418, 420, 423, 425, 432, 433, 435, 443,	Grave
447, 450, 452, 458, 460, 464, 465, 468,	Graves (B.)
 492, 495, 497, 500, 509, 523, 527, 529,	Gravesend
535, 537, 601, 645, 701	Gray (Geo.)*122
Gibson (Judge) 497, *499, 502, 540, 697,	Gray (Isaac) 110, 114, 115, 178, 179, 187
699, 710	Gray (Rev. James, D.D.) *454, 455
Gibson (Dr. Wm.) *494, 501, 502, 517, 526,	Graydon
546, 663	Grégoire (Abbé) 326, 387, 411, 429, 440,
Gilbert (Davies)	457, 459, 462
Gilkerson	Gregory
Gillespie (Dr.)	Green (Dr. Ashbel) *168, 192, 225
Gillingham (Jas.)	Green (Prof. Jac.)
Gilmer	Green (Thos. D.)
Gilmor (Rob., Jr.)	Greene (General)
Gilpin . 39, 45, 53, 54, 55, 61, 78, 79, 80, 97,	Greenway (Dr. Jas.) 161, 180, 206, 220
345, 347, 348, 361, 372, 386, 390, 426, 450,	Grevel
452, 453, 454, 455, 485, 571, 594, 672, 685	Grew
Gilpin (H. D.)	Griffith 142, 154,195, 323, 325, 374,
468, 479, 485, 486, 491, 504	
200, 210, 200, 200, 101, 001	

PAGE.	PAGE
Griffith, continued—	Hamilton (C. J. A.) 695
604, 612, 613, 616, 622, 623, 629, 643,	Hamilton (Capt. J.) 481, 483
646, 650, 653, 655, 665, 672, 679, 680, 682,	Hamilton (Hon. James) *4, 8, \parallel 10
689, 693	Hamilton (T.)
Griffith (Robt E., Jr., M.D.) *576, 585,	Hamilton (Wm.) 262, 340, 379
612, 630, 651, 660, 663	Hammer (Jos.)*473, 480
Griffiths 192, 495, 588, 590, 591, 597, 601	"Hand"
Griffiths (Elijah) 494	Hardesty(Uriah)326
Griffiths (Mrs.) 587	Harding (Rev.) *5, *14, 17, 518
Griffiths (Dr. S. P.) 187, 198, 217	Hare (Dr.) 332, 333, 335, 336, 338, 339, 340
Griscom (Prof. John) *680, 681, 682	341, 342, 344, 345, 346, 348, 349, 350, 362
Grosche (I. Gottlieb, M.D.) 193	363, 368, 369, 370, 379, 381, 392, 393, 394
Gross (Dr. Dan.)	396, 403, 404, 405, 412, 413, 415, 419
Groves (M. C.)	420, 425, 426, 431, 432, 433, 435, 438, 439
Gruner	442, 443, 445, 446, 448, 449, 450, 451, 453
Gualterius	458, 461, 463, 472, 473, 474, 483, 487, 490
Gudin	492, 494, 495, 496, 498, 500, 501, 509, 510
Guenginé	[516, 520, 521, 523, 526, 528, 534, 536, 538
Guest (Henry) 233, 234, 235, 236, 296	542, 544, 548, 551, 555, 556, 563, 565, 566
Guillemard (I.) *261, 263, 266, 275, 285	584, 588, 591, 595, 596, 601, 602, 616, 618
Gule (Dr. Benjamin) *6	
Gummeré (John) *447, 448, 449, 454, 457,	682, 683, 684, 685, 687, 702, 704, 707, 708
458, 466, 472, 473, 474, 482, 483, 530, 590,	
595, 614, 667, 668, 673	Hare (Prof.) 512, 654, 657, 670, 671, 674
Gunter	Hare (Chas. W.)
Guthrie	Hare (Robert, Jr.) *332, 346, 369, 421
H.	438, 526, 531, 663
	Harlan (Dr.) .512, 515, 516, 518, 519, 520, 523
Habersham	524, 526, 527, 528, 529, 530, 531, 532, 537,
Hadley	539, 540, 541, 543, 544, 546, 547, 548, 549,
Haigh (Dr.)	550, 551, 553, 554, 555, 556, 558, 560, 561,
Haighton (J., M.D.)	562, 563, 565, 566, 568, 569, 570, 571, 572,
Haines (Reuben) 371, *442, 443, 445,	573, 574, 575, 576, 578, 579, 580, 581, 582,
416, 449, 450, 451, 452, 453, 454, 455, 459,	584, 587, 583, 590, 591, 594, 596, 601, 602,
460, 463, 465, 468, 469, 471, 475, 476, 479,	604, 606, 612, 616, 617, 621, 622, 623, 624,
482, 484, 485, 4 6, 487, 488, 491, 492, 495,	626, 627, 628, 643, 646, 647, 650, 653, 655,
497, 504, 513, 532, 541, 552, 576, 580, 594,	660, 661, 663, 668, 679, 680, 691, 693, 702,
598, 601, †622, †628	705,
Hahn (Dr.) 63, *48	Harlan (Dr. Rich.) *511
Halde vide Du Halde	Harland
Haldimand (Lieut.) 70	Harman
Hall 62, 79, 98, 129, 328, 391, 392, 458, 468,	Harrington (Dr. W. H.) 640
469, 470, 471, 476, 479, 481, 482, 484, 485,	Harris 86, 475, 500, 501, 502, 503, 516, 532,
487, 489, 490, 496, 499, 500, 501, 512, 517,	537, 546, 547, 566, 580, 588, 591, 596, 597,
518, 519, 520, 521, 528, 529, 531, 559, 564,	602, 615, 617, 643, 709
598	Harris (Dr.)
Hall (David) *5, *12, 457	Harris (Mrs. Ann) 544
Hall (Rev. James) 225, 241, 271, 326,	Harris (J.)
390, 478	Harris (Levitt) 431, 474, *499, 546, 645
Hall (J. E.) *443, 470, 508, 532, 565, †593	Harris (Thomas, M.D.) *576
Hallam (Geo.)	Harrison
Halley 400, 675	Harrison (Saml.) 408
Halma	Hart (Major Jon.)
Ham vide De Ham	Hartley
Hamilton *7, 108, 191, 221, 323, 324,	Hartshorne (Dr. Jos.) *454, 475, 509
337, 341	Hassenfratz 299
Hamilton (Alexander) *188, 298	Hasler (J. R.)
Hamilton (Prof.)	Hassler (Ferd. Rud.) 380 387 301 303

PAGE.	PAGE
Hassler (Ferd. Rud.), continued—	Henson
395, *396, 407, 408, 458, 459, 464, 465, 472,	Hentz (N. M.) 495, 496, 497, 515, 571, 584
490, 493, 500, 517, 546, 547, 578, 580, 602,	585
614, 619, 654, 676	Herbelot 324
Hatchet (Charles)	Heretier (Carolus Ludovicus) 225
	Herman (B. F. I.)
Haussner	Herriot
Hauy	Herschel
Haven vide De Haven	Hersey
Haward	Hervier (Dr. P.)
Hawes (Dr. Wm.) 357, *370, 383	Hewson (Dr. T. T.) . *311, 312, 314, 315, 317
Hawkins (J. J.) 300, 302, 305	
Haworth	318, 319, 320, 321, 322, 323, 324, 328, 329,
Hay	330, 332, 333, 334, 336, 338, 339, 340, 341,
Hay (E. Drummond) 584	342, 343, 344, 345, 346, 347, 348, 349, 350,
Haygarth 336, 339, 376	351, 357, 359, 360, 361, 362, 363, 365, 368,
Hays (Dr. Isaac) 597, 598, *601, 602,	$\ 369, 370, 371, 372, 373, 374, 375, 376, 377,$
603, 612, 616, 617, 619, 621, 631, 634, 636,	378, 379, 380, 381, 382, 383, 384, 385, 386,
638, 643, 646, 647, 649, 653, 555, 656, 660,	387, 388, 389, 390, 391, 392, 393, 394, 395,
661, 663, 665, 667, 671, 675, 679, 680, 682,	396, 397, 398, 399, 400, 401, 402, 408, 405
683, 690, 691, 697, 700, 701, 702, 705, 709,	406, 409, 410, 411, 412, 413, 414, 418,, 419
710	422, 423, 425, 427, 429, 432, 433, 434, 436,
	437, 438, 439, 442, 443, 445, 447, 448, 449,
Haywood*122	450, 451, 452, 453, 456, 458, 459, 460, 461,
Hazard (Ebenezer) 110, 115, 117, 121,	465, 466, 467, 468, 470, 471, 474, 476, 479
123, 125, 128, 129, 130, 149, 164, 198, 204,	480, 481, 483, 484, 485, 487, 490, 492, 495,
206, 227, 232, 487, 593, 610	498, 499, 500, 501, 502, 507, 509, 515, 518
Hazard (Sam.) 481, 482, 591, 650	522, 53 2 , 614
Heberden (Dr.)	Hewson (Wm.)
Heap (Geo.)	Heym 430
Heart	Heyne (Prof.)
Heckewelder (John) 238, *256, 365,	Hicks (Gilbert) *20
367, 388, 458, 473, 481, 482, 499, 501, 510,	Hicks & Mitchell 202
527, 627	Hicks (Wm.)
Heckewelder (Polly)482	Higgins (Jesse) 195
Heckenwelder (S.) 340	Hildebrandi (Pseudofridericus Jo-
Heeren	hannis)
Heinitz (Baron) 182	Hill (Ez.) 192, 221, 385, 379
Helmenstädt	Hill'(Henry) *61, 240
Helmuth (Rev.)	Hillegas (Michael) 71, 86
Hembell (W.) 360, 442, 443, 444, 445, 446,	Hillinsworth97
445, 446, 448, 450, 451, 455, 459, 463, 466,	Hillsborough (Lord) 584
468, 471, 488, 488, 490, 491, 492, 494, 504,	Hinkead (Geo.) 155
507, 514, 515, 516, 517, 518, 523, 524, 526,	"Hiram"
527, 528, 529, 530, 531, 532, 533, 534, 535,	Hirchel
537, 539, 547, 548, 549, 550, 551, 556, 559,	Hitz (J.)
560, 564, 565, 567, 569, 572, 573, 575, 576,	Hobart (R. E.)
580, 582, 584, 588, 591, 594, 595, 596, 601,	Hobrow
602, 605, 613, 617, 622,628, 643, 663, 679,	Hobson (R. H.)'
680	Hockley (Richard) *6, 14, *15
Hemsövide Di Hemsö	Hodge (Dr. H. L.) . *236, 238, 240, 241, 254,
Henderson (Dr. Jno.) 505, 601	460, 584, 590, 592, *625, 626, 660, 663, 678
Henly $(W.) \dots 81$	Hodgson (W. B.) 583, 595, 597, *601, 602, 603
Henning	604, 626, 644, 668, 670, 705
Henry (Prof.) 466, 650, 662, *663, 664,	Hoge
666, 668, 670, 709	Hoge (I.)
	Högelmuller (Chev.)
Henry VIII	Holiday (H)

PAGE
Hüffel (Rev.)
Hugge (Sigismund)
Hulens (W. E.)
Humbel
Humboldt (A. Von) 358, 377, 434
445, 529, †680
Humboldt (Wm.) 576, 680
Humboldt vide also De Humboldt
Humphrey
Humphrey (Josh.) 167, 169
Humphreys (Jas.) 79, 191, 255, 318, 323,
*347, 365, 370, 404, 463, 485, 554
Humphreys (Josh., Jr.) *172
Humphreys (S.) 508, *550, 624
Humphries (James, Jr.) 415
Humphries (Josh.)260, 445, 495
Hunt (Mrs. Isabella) 95
Hunter (Geo.) 472, 477
Hunter (J.)
Hunter (Wm.)
Huntingdon
Hüpsch (Baron di) 179, 327
vide also De Hüpsch
Hutchins (Lieut. Thos.) 69, *72, 80,
141, 152, 242
Hutchinson (Dr. James) *102, 114,
1115, 121, 126, 128, 129, 130, 136, 147,
149, 150, 153, 154, 158, 165, 167, 168, 171,
172, 177, 178, 180, 187, 188, 191, 193, 197,
199, 201, 202, 210, 211, 215, 331
Hutchinson (S. T.)
Hutton 150, 315, 483
I.
"Improvement" 264, 267, 269
Ingen-Housz (Dr. I.) 155, 164, 179, 239
Ingersoll (Chas. J.) *454, 459, 471, 473,
476, 484, 486, 491, 495, 517, 518, 521, 522,
532, 533, 535, 537, 542, 555, 646, 689
Ingersoll (Jared) 110, 114, 129, 158,
187, 192, 244, 298
Ingersoll (Joseph R.) *544, 682
Inglis (Captn.) 84
Iruejo vide D'Irujo
Irvine (Gen.)
Irving (Washington)*592
Isle vide De l'Isle
I. S. S
Ivanoff
Izard (Geo.) *396, 398, 434, 457, 465, 473,
474, 482, 487, 532, 541, 542, 561, 562, 564,
575, †589, 656
Izard (Ralph) 191
J.
Jackson (Dr. David) *201
Jackson (S.)

PAGE.	7.407
Jackson (Dr. Sam.) *517, 518, 519, 520,	Jefferson (Thos.), continued—
526, 529, 530, 532, 535, 537, 541, 544, 552,	475, 476, 479, 499, 520, 524, 546, †555,
565, 576, 617, 622	556, 558, 564, 565,602, 621, 668
Jackson (Dr. Jas.)	Jefferies (Dr.)
Jackson (Col.) 647, 654	Jenkins
Jackson (W.)	Jenks (Rev. W.)
"J. B."	Jenner (Dr. Ed.)
Jacob	J. K. K
Jacobs (Israel)	John
Jacobs (W. S., M.D.) 324, *326, 327, 328,	Johnston (Francis) *147
329, 330, 332, 333, 335, 336, 337, 338, 340,	Johnson (Judge) †656
341, 342, 343, 344, 544	Johnson (Mrs. Ruth)
Jæckel (Jos.) 606	Johnson (Walter K.)
Jacquet (Major)	Johnson (Wm.)369, *423, †658
Jamaica	Johnson (Sr. Wm.) *9, 18, 19, *20, 24, 55
James (Abel)	Jomard
James (Edwin, M.D.) . 433, 435, 467, 468,	Jones (Gen.)
481, 482, 490, 492, 504, 515, 532, 535, 537,	Jones (Dr. Isaac) *5, 12, 32, 33, 44
553, 562, 575, *630, 631	Jones (Dr. J.) *35, 41, 68, 69, 80, 87, 88, 89,
James (J.)	91, 136, 146, 154, 167, 174, 187, †195
James (Jos.)	Jones (Owen)
James (Thos. C., D.D.) *246, 247, 249,	Jones (Robert Strettel) *5, *12, 15, 16,
252, 253, 255, 258, 261, 266, 267, 268, 270,	17, 19, 20, 22, 43, 44, 45, 50, 52, 53, 54, 55,
271, 273, 274, 276, 277, 278, 282, 283, 285,	57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 69, 70,
314, 316, 320, 323, 327, 328, 329, 330, 333,	71, 72, 73, 74, 76, 77, 78, 79, 85, 86, 94,
340, 342, 343, 345, 346, 347, 351, 359, 361,	97, 98,101, 121
362, 363, 365, 368, 369, 370, 371, 373, 374,	Jones (Thos. P., M.D.) *613
375, 376, 377, 379, 380, 381, 382, 383, 385,	Jones (William, of Philad'a) 186, 191,
386, 388, 390, 392, 394, 395, 396, 399, 400,	233, 235, 271, 273, 299, 305, *308, 311, 316,
401, 403, 404, 405, 406, 409, 410, 412, 413,	328, 371, 384, 385, 386, 392, 393, 407, 408,
417, 418, 419, 422, 425, 426, 430, 432,	409, 412, 417, 426, 428, 435, 453, 483, 489,
437, 438, 439, 442, 443, 445, 451, 452,	508, 510, 535, 537, 540, 569, †619, 649
453, 459, 460, 469, 475, 476, 478	Jones (William, of London) 236
James (Prof. T. P.)	Jones (Captain Wm.) *370, 391, 407, 414,
James (Capt.)	427, 428
Jameson (David)	•
Janeway (Dr.)	K.
Jarreau vide Du Jarreau	
Jarvis (S. F.)	Kaff (Gerh Gejsh, M.D.) ten 195
Jaudennes	Kaighn & Attmore180
also vide De Jaudennes	Kaighn (J.)
Jay (J.)	Kane (John K.) *542, 546, 547, 548, 551,
Jefferson (Thos.) . 105, 107, 110, 113, 115,	556, 558, 560, 562, 563, 565, 569, 573, 575,
116, 187, 192, 193, 194, 195, 196, 200, 201,	576, 579, 580, 582, 583, 584, 585, 587, 588,
204, 206, 211, 212, 213, 215, 216, 217,	590, 591, 592, 594, 595, 596, 597, 598, 601,
240, 241, 246, 248, 250, 251, 252, 253,	602, 603, 611, 612, 613, 614, 619, 622,
257, 258, 265, 266, 267, 268, 270, 271,	623, 624, 625, 628, 629, 630, 636, 637,
272, 273, 277, 278, 279, 290, 294, 296,	643, 644, 645, 646, 649, 650, 651, 652, 653,
298, 299, 307, 3)8, 309, 310, 312, 319, 320,	661, 662, 663, 665, 672, 673, 674, 675,
322, 327, 329, 330, 332, 334, 335, 346,	$\ 679, 680, 682, 683, 684, 687, 691, 694, \ 697,$
347, 348, 349, 350, 356, 369, 370, 371,	700, 702, 703, 705, 706, 709
374, 376, 377, 379, 380, 381, 382, 384,	Kane (Dr. E. K.) 634, 638
387, 390, 391, 392, 393, 394, 395, 398,	Karasmin
403, 404, 406, 407, 408, 409, 410, 411,	Kaup (Prof.)
412, 413, 418, 419, 420, 423, 425, 426,	Kay vide De Kay
427, 430, 431, 435, 438, 441, 443, 444,	Kearney (Tanner Vallance) 482
445, 447, 449, 450, 451, 452, 453, 460, 461,	Kearsley (Dr. J.)

PAGE.	PAGE.
Keating (Dr. W. H.) 503, 504, *514,	Laforgue
516, 518, 522, 523, 524, 527, 528, 529,	Lafuente
530, 531, 532, 533, 535, 537, 539, 540,	La Harpe
541, 543, 544, 547, 548, 550, 551, 560,	La Hontan (Baron) 382
572, 600, 601, 605, 606, 612, 616, 619, 621,	Lalande
622, 626, 627, 633, 641, 661, 662, 663, 668,	Lamarck 590
705	Lambert (Wm.) 281, 418, 420, 421, 429,
Keeling (Hignet) 20	435, 447, 448, 456, 457, 472, 482, 487, 489,
Keene (Alderman) 176	490, 492, 505, 510, 554, 557, 561
Kennedy (R.)	Lamont (Eneas)
Kent (James)	Lamoureux
Kenwick (Prof. James) 619	Landevide De la Lande
Kepler	Lane*72
Kidd (J.)	Lang (Jno.)
Killen (W.)	Langdon (John) 571
Kimber (E.)	Langley (L. M.)
Kinder (Arthur)	Lanjuinais (Count) 410, 411, *487, 557
King (Nich.)	La Peyrouse
Kingsbury	La Place
Kingsley (Jas. L.)	Lardner (Lyn Ford) *4, *8, 11
Kinlock (Mrs.)	La Roche (Dr. René) *562, 564, 565, 567, 594, 596, 599, 600, 601, 605, 614, 663, 680
32, 33, 43, 44, 45, 46, 66, 82	Larocque (A. I.)
Kirk (Tim.)	Larreatique
Kirkbride (Joseph) *6, 17, *19	Larrey (Baron)
Kirwan (Noel R.) *144, 331, 359, 360	Lascaris (Marquis)545
Kittera (J. W.) *212, 221, 222	Lasterie vide De Lasterie
Klaproth (Julius) 518, 524, *525, 535,	Lasteyrie (Count) 395, 399, 407, 409, 417,
537, 574, 575, †683	457, †563
Klingstedt (Baron de) *75	L'Asteyrie vide also De L'Asteyrie
Kneass	Lastra (Pedro de la) 429
Knight (Dan.)	Latham
Knox (Henry) 193	Latour
Knox (Rev. Sam.) 265, 266, 268, 269,	Latreille (P. A.)
274, 282	Latrobe (Benjamin H.) 276, 278, *283,
Konnickvide De Konnick	284, 285, 286, 288, 290, 294, 295, 304, 306,
Kops	309, 311, 314, 316, 318, 319, 320, 321, 323,
Kosciusko (General)	324, 326, 330, 331, 333, 334, 336, 337, 338,
Kraff	339, 341, 345, 359, 393, 395, 402, 407, 408,
Kramern	414
Krusenstern (Capt.) 543, 545	Laurens (Col. Henry) *72, 152
Kuhl	Laurie
Kuhn (Dr. Adam)*4, *7, 16, 17, 19, 20,	
24, 33, 35, 42, 43, 56, 61, 62, 63, 64, 65,	Lavini (Prof.)
69, 71, 73, 91, 136, 158, 187, 195, 198,	Law
221, 235, 281, 277, 346 Kuhn (Ludwig C.) 184	Lawrence (Charles B.) 522, 534, 613
Kunits (Lewis)	Lawrence (Dr. Jason O'B.) *519, 520
Kunzie (Rev. Dr.) 121, 388	Lawrence (Wm.)
Kuyper	Leacock (J.)
	Le Baron (Dr.)
L.	Le Blond
Labouderie (M.I.)	Le Comte (F. W.)
Lacepede	Lea (Isaac) 478, 551, 571, 572, 580, 583,
La Fayette (General) 110, 125, 126, 379,	588, 589, 590, 591, 592, 596, 597, 598, 599,
532, 533, 563, 589, †653, 654, 655, 657, 664	601, 602, 604, 612, 613, 614, 615, 616,
Lafon	

PAGE.	PAGE.
Lea (Isaac), continued—	Lewis & Clarke 475
641, 643, 646, 647, 648, 650, 651, 652, 653,	Le Vasseur 585
654, 661, 662, 663, 665, 667, 671, 675, 678,	Liancourt (La Rochefoucauld) *236,
679, 680, 681, 682, 683, 688, 689, 690, 692,	243, 252
693, 694, 697, 699, 700, 702, 704, 706, 709	vide also De Liancourt
Leavitt (Dudley) 678	Libozchitz 435
Leonhard (C. C.)	Lichtenstein
Lee	Liddel
Lee (Dr., of Virginia)*4, *8	Lieber 604
Lee (Arthur)	Lillers (Count de) 568
Lee (Col. Francis)	Limborch
Lee (Henry)	"Lime"
	Lindenau
Lee (Hugh)	Lindhestrom (Peter) 510
Lee (Rich. Hen.) 543, 544, 562, 584 Legaux (P.) 162, 172, 174, 177, 207, 212,	Lindon (Ben.)
217, 218, 219, 249, 250, 252, 260, 305, 306,	Linn (John B.)
310, 311, 318, 319, 321, 327, 336, 371, 403,	Linnæus
417, 508, 513	Lippi
Le Fessier de Grandpré (J. M.) *236	Lisboa (Don José da Silva) . 542, *544, 554
Legendre	Liston (Robert) *294, 299, †692
L'Heritier (C.)	Livermore (Daniel)594
	Livingston (Edward)*542, †688
L'Hommedieu	Livingston (Robt. R.) 280, 281, *308,
Lelyveld	312, 335, 373, 382, 384, 445, 545, 551, 596
Lentz (Prof.)	Livingston (Wm.) *6, 14, *15, 110
Les Navire	Llave vide De la Llave
Leoming (F.)	Lloyd (Dr. Jas.)
Lerebours (Alex.)227, *238, 239, 243,	Locke
246, 247, 248, 252, 255, 256, 257, 258	Lockyer (Jos.) 401
Le Rey *75, 88, 92, 91, 155, 163, 296, 317	Logan (Dr. George)
Le Roux	Logan (W., Jr.) *20, 107
L'Escallier	Logan (Wm.)
Le Seur 467, *469, 470, 471, 473, 474, 475,	Logan (James)
476, 479, 480, 481, 482, 483, 484, 485, 487,	Long (G. W.)
488, 489, 490, 491, 493, 495, 496, 499, 500,	Long (Stephen H.) 470, 504, 516, *522,
501, 502, 503, 504, 508, 516, 517, 518, 519,	523, 524, 526, 527, 528, 529, 536, 537, 538,
520, 521, 523, 524, 527, 528, 529, 530, 531,	539, 540, 541, 543, 550, 556, 613, 615, 617,
536, 537, 538, 540, 544	619, 621, 622
Leslie (C. R.)	Lorich (Major Severn) . 489, 491, *531, 532,
Leslie (Rob.) 144, 228, 299, 302, 307, 314,	540, 550, 551, 555, 556, 565, 566, 567, 572,
316, 317, 318, 319, 320, 321, 322, 323, 324,	576, 580, 586, 588, 595, 596, 598, 612, 614,
325, 326, 328, 329, 330, 332, 333, 334, 336,	617, 619, 620, 626, 643, †701
337	Lorimer (Dr.) 29, *35, 71, 233
Lesseps	Lorin (Theodore) *625, 627, 642
Lesseps vide also De Lesseps	Lorrey (Robert K.)
Letombe	Louis (XV.)
Letsom (J. Coackly) *147, 269, 299, 318,	Lovell (Surgeon-General Joseph)
319, 339, 364	518, 613
Levezy	Lövernorn (Paul de) 519
Levis	Lowber
Lewis (Alex.)	Low Countries (King of the) 545
Lewis (Don.)	Lowell (Judge J.) *147, 197
Lewis (Enoch) 575, 628	Lozière vide De Lozière
Lewis (Capt. Merlwether) *343, 379,	L. S
380, 398	Luc vide De Luc
Lewis (S.)	Lucchesini
Lewis (W.) 350, 351, 396, 397, 561	Lucien (of Canino)*519

PAGE.	PAGE.
Ludlam (G.)	Marat
Ludlam (Rev. W.)	Marbois (Barbe de) 110, 111, 112, 121,
Luisçius	123, 128, 132
	1
Luke	vide also De Marbois
Lukens (Isaiah) *496, 661	Marcel
Lukens (Jesse)	Maris (J.)
Lukens (John) *3, 9, 11, 15, 31, 36, 37,	Marrat (W.)
41, 42, 43, 50, 55, 56, 61, 64, 66, 69, 74, 80,	Marsden (Wm.)*494, 584, †698
82, 94, 95, 102, 103, 110, 115, 127, 497,	Marshall (Christopher & Charles) 143
499, 500, 502, 503, 508, [516, 517, 518, 519,	Marshall (Fred.)*61
521, 523, 524, 526, 528, 531, 532, 533, 534,	Marshall (Humphrey) 69, 70, 136, 141,
535, 536, 537, 538, 539, 540, 541, 569, 572,	350, 360, 361, 364
573, 575, 582, 587, 588, 591, 592, 594, 596,	Marshall (Chief Justice John) *599,
598, 601, 602, 603, 612, 613, 617, 618, 643,	600, 622, †673, 675, 700, 702
646, 648, 653, 655, 659, 660, 661, 663, 667,	Martigny 545
668, 671, 672, 673, 674, 676, 682, 684, 686,	Martin
	Martin (Alex.) 136,141, 174, 252, 262,
688, 690, 691, 697, 700, 702	
Lusac (Gay)	266, 268, 272, 278
Lusac (J.)	Martin (T. C.)
Luther	Martinez (Juan José) *625, 629
Luzerne vide De la Luzerne	Martini (Laurence) 616
\mathbf{M}_{-}	Martini (Lorenzo) *604
	Martyn (of Trenton)
Macedo (J. S. Da Costa) *685, 703	Maskelyne (Rev. Nevil) 46, 56, *61, 88,
Macknab	92, 185, 415
Maclean (J.)	Mason
Macneven (W. J., M.D.) *522, 524, 546	Mason (A.)
Macquair	Mason & Dixon 56, 554
Macuire	Mather (Saml.)
Madan	Matlack (Timothy) 106, 109, 110, 113,
Madison (Mrs.)	114, 115, 121, 127, 154, 186, 193, 221,
Madison (James)	239, 257, 426, 427, 428, 429, 430, 433, 437,
Madison (Rev. James) *129, 270, 346	491, †592, 649
Madison (Rev. Wm.) 105, 152, 188, 230,	Matthews (Prof. T. J.) 577
236, 272, 334, 345, 377	Maudru
Magaw (Rev. Dr. Samuel) *121, 123,	
129, 130, 136, 147, 152, 153, 158, 159,	Maupertius
167, 177, 178, 185, 186, 187, 188, 191, 192,	Maxwell (Hugh)
194, 198, 201, 205, 210, 211, 214, 217,	Mayer (Prof.)
218, 221, 225, 227, 228, 229, 230, 234,	Mayo (Robt., M.D.)
235, 237, 238, 239, 240, 242, 243, 245, 246,	Mazzei (Philip)
247, 248, 249, 252, 256, 258, 260, 263, 266,	Mazère
	McCauslin (Robt., M. D.) 176
267, 272, 275, 277, 280, 281, 288, 290, 307,	McClean (Archibald)*72
311, 318, 323, 329, 333, 336, 336	McCloud
Magellan (J. Hyacinth de) 118, *122,	McClure (Alex.) 606, 683, 695
135, 137, 138, 144, 145, 146, 149, 150, 157,	McClure (Wm.)*253, 299, 368, 411, 412,
164, 182, 186, 187, 193, 361, 362	413, 416, 417, 418, 470, 471, 474, 476, 482,
Magellan (Prof. S. C.) *122	499, 505, 512, 524, 561
Magee (Christian, LL.D.) *6, 18, 19	McClure & Co. (Wm.) 340
Magnus (Claus) 695	McClurg (Dr. James)87
Mahon (Lord)	McConnell
Maltitz (Baron)	McCorkle (S.)
vide also De Maltitz	McDougal 409
Mandrillon	McDowell (J.)*396, 398, 400, 401, 402,
Manning (Rev. Jas.)	
Mannings & Vaughan	 403, 405, 407, 409, 412, 413, 414, 417, 418,
Mansfield (Jared) 464, *466, 467	419, 421
	McEuen 601, 622, 631, 639, 641, 643, 653,

PAGE.	PAGE.
McEuen, continued—	Meigs (Joseph) 505
655, 660, 671, 680, 682, 691	Melamderhjelm *337
McEuen (Dr.) 661, 663, 672	Melito vide De Melito
McEuen (C.)	Mellish
McEuen (Thomas) *599	Melscheimer (Rev. Val.)
McIlvaine (William) *553, 554, 565,	Mercer (C. F.)
596, 661, 663, 680, 682, 685, 697, 688, 701,	Mercer (Dr.)
702, 709	Meredith (Win.) 244, *442, 443, 445, 448,
McHenry (J.)	450, 451, 452, 454, 456, 458, 468, 476,
McKean (Jos. B.)*525	
McKean (Thos.) *12, 110, 121, 147,	478, 481, 489, 499, 495, 499, 502, 504, 522, 524, 528, 529, 531, 532, 534, 543, 555, 561,
177, 178, 187, 192, 210, 211, 225, 227,	
228, 229, 235, 236, 238, 240, 242, 264,	563, 575, 612, 621, 660, 672, *708, 710
277, 279, 283, 290, 310, 314, 326, 338, 360,	Merrick (Sam. V.) 513, *640, 643, 645,
369, 389, 435, 529, 540	661, 663, 668, 671, 672, 679
McKenzie	Mesmer (Dr.)
McLane (Louis)	Meyer (Prof. Christian) 95, 98, 104, 127
	Michaelis
McMahon	Michaux (F. Andre) 215, 216, 244, 278,
McMurtrie (Jas.)	298, 326, 345, 389, 414, *415, 417, 420, 435,
McNair (Andrew)	445, 446, 460, 468, 486, 487, 490, 530, 532,
McNevin	541, 593
McPherson (Capt.)	Middleton (Hon. Henry) 616
Meade (Dr. Wm.) 462, *469, 481, 482, 485,	Middleton (J. J.) 464
491, 507, 516, 517, 526	Mifflin (Dr. C) 625
Mease (Mrs.)	Mifflin (I. F.)
Mease (Dr. James), 14, 232, 288, *326,	Mifflin (Samuel) *5, *12
327, 328, 329, 330, 333, 334, 335, 336, 337,	Mifflin (Thos.) *9, 23, 33, 35, 37, 43,
338, 340, 343, 344, 345, 346, 347, 348, 349,	47, 78, 100
350, 351, 357, 358, 359, 360, 362, 363, 365, 368, 369, 370, 371, 372, 373, 375, 376, 386,	Miles
387, 388, 389, 390, 391, 392, 393, 394, 396,	Miller (Ed., M.D.) *370, 375, 446
398, 400, 401, 402, 403, 405, 411, 414, 418,	Miller (Peter) 31, 33, 42, 95, 116, 177, 184
421, 423, 426, 427, 428, 429, 432, 433, 434,	Miller (S.) *299, 359, 464, 487
435, 436, 437, 438, 439, 440, 442, 443, 447,	Milligan (Dr. Geo.) *72
450, 451, 455, 457, 458, 460, 465, 466, 469,	Milligan (Robt.) *147
481, 483, 489, 491, 493, 495, 496, 499, 500,	Mills (Robt.)
501, 502, 503, 504, 505, 506, 508, 509, 511,	Mills (S.)
512, 514, 515, 517, 518, 521, 522, 523, 524,	Milne
525, 526, 527, 528, 530, 531, 532, 533, 534,	Milner
535, 537, 540, 541, 544, 545, 546, 547,	Milton
1548 , 549, 550, 551, 552, 553, 556, 558, 559,	Minto (Dr.) 155, *168, 170
560, 561, 562, 563, 564, 565, 567, 568, 570,	Minot
571, 572, 573, 575, 584, 587, 588, 591, 594,	Mitchell 545, 572, 573, 575, 577, 580, 587, 588, 596, 619, 657
598, 599, 601, 602, 617, 622, 623, 626, 627,	
628, 632, 635, 643, 646, 647, 650, 661, 663,	Mitchell (Dr.)
665, 667, 668, 671, 676, 678, 679, 680, 681,	Mitchell (John K., M.D) . *568, 589, 640
682, 635, 687, 690, 691, 697, 699, 702, 704,	Mitchell (S. Augustus) 535, 538 Mitchell (S. L., M.D.) *188, 195, 198,
705	056 001 000 900 909 994 901 534
Mederer (Dr. M. de)	
Mejes (Col.)	Mitchell vine fileks & Mitchell
Meigs (Dr.) 470, 478, *481, 554, 572, 574,	Mitterpager
576, 598, 621, 629, 633	"Modestus"
Meigs (Charles D., M.D.) *553, 556, 559,	Moleon vide De Moleon
560, 562, 563, 565, 566, 567, 569, 573, 580,	Molina
582, 584, 587, 588, 594, 596, 598, 601, 612,	Moncada
617, 622, 629, 631, 643, 646, 650, 655, 660,	Monk
661, 662, 663, 667, 668, 673, 679, 680, 682,	Monro (Dr. Geo.) *172, 362
698	Monroe (James)

PAGE.	PAGE.
Montargis vide De Montargis	Mott (Dr.)
Montbret vide De Montbret	Moulins vide Des Moulins
Monteiro	Mower (Dr.)
Montgréy	Moxtandon 674
Montresor (Capt. J.) *72	Mozard
Montgomery (Dr. Alex.)	Mugford (Captain) 361, 362, 365, 370,
Montgomery (J. C.)	371, 372, 377
Moore (Alex.)	Muhlenberg (Rev. Henry) *129, 132,
Moore (Dr.)	189, 241, 442, 478, 620
Moore (Dr. Charles) *4, *8, 11, 65, 69	Mulhom (A.)
Moore (Dr. Jas. Weems) 20, 34, 35	Mulvey (C.)
Moore (Dr. S.) *370, 371, 372, 388, 389,	Munsell
392, 393, 407, 537, 547, 556, 557, 561, 563,	Munter (Bishop)
565, 566, 567, 572, 573, 580, 582, 588, 590,	Murgatroyd
591, 594, 596, 599, 602, 613, 614, 616,	Murray (And., M.D.)
623, 630, 640, 646, 665, 672, 673, 680	
Moore (Dr. S. Preston) *61, 72, 86	Murray (Fairman & Co) 508
Moore (Thos.) . 337, *415, 430, 435, 474, 479,	Murray (J.)
481, 535	Murray (Rev. N.)
Morel (J.)	Mussey (Captain)554
Morandini	171.
Morelli (Chevalier). 650, 656, 668, 662, 664,	Nogri (Charles) 620 #620 641 640 647
669, *680, 681, 703	Nagy (Charles) 630, *632, 641, 642, 647,
Morelli (D. Dom.) 640	648, 656 Nairne (Edw.)
Morgan (Judge)	Noncompart (T) 900 001 000 004 040
Morgan (Dr.)	Nancarrow (J.) 220, 221, 230, 234, 240,
Morgan 442, 450, 454, 455, 457, 458, 459,	249, 252, 254, 255
465, 470, 472, 473, 481, 491, 499, 500, 501,	Nancrede
502, 512, 518, 521, 523, 527, 529, 542, 547,	Napier (J.)
550, 553, 558, 564, 588, 614, 617, 622, 668,	Napier (Lord)
682, 699	Nash
Morgan (Ben. R.) 87, *439, 575, 578	Nassy (Dr. David) *212, 217, 218, 220,
Morgan (Col. George) 81, 83, 86, 205	225, 229, 232, 285
Morgan (John)	Navarette (Martin Fernandez). *618, 624
Morgan (Dr. J.) *9, 24, 32, 33, 42, 45, 46,	Naxera (Don Emanuel). 649, 668, 669, *680
52, 55, 59, 60, 61, 62, 63, 64, 69, 70, 71, 74,	Nelson
76, 83, 84, 85, 88, 89, 91, 98, 121, 123, 126,	Nelson
142, 205, 242	
Morinière (Noel de la)	Nemoursvide also De Nemours Nestl
vide De la Morinière	
Morris (Mr.)	Neufville vide De Neufville
Morris (Dr.)	Newell (Capt. And.)
Morris (I.)	
Morris (J.)	Newman (I., M.D.) *246, 247, 248, 249,
Morris (J., Jr.)	252, 317
Morris (Rich. Hill)	Newton (Sir Isaac) 203, 336, 514, 580,
Morris (Robert)	581, 695 Nichols (Francis) 2 *99: 220 240 245
Morrison (Rev.)	Nichols (Francis) 2, *337, 338, 342, 345,
Morton 578, 580, 587, 588, 591, 594, 596,	346, 347, 348, 349, 350, 351, 357, 358, 367,
598, 601, 602, 606, 612, 628	372, 373, 374, 376, 377, 378, 394, 395, 396, 397, 399, 401, 402, 403, 404, 405, 406, 411
Morton (Dr.)	397, 399, 401, 402, 403, 404, 405, 406, 411,
Morton (Samuel G., M.D.) *576	412, 413, 414, 415, 416, 423, 425, 426, 427,
Morveau (Guyton) 378, 390, 391, 395, 397	429, 430, 431, 432, 433, 434, 435, 436, 437,
Mosely (Dr.) *95, 232, 339, 351	438, 439, 440, 441, 442, 443, 457, 458, 459,
Moss (Henry)	460, 462, 465, 466, 468, 469, 505, 508, 516, 517, 518, 510, 520, 521, 522, 524, 526, 527
Moss (James)	517, 518, 519, 520, 521, 523, 524, 526, 527,
Motley	528, 529, 531, 535, 537, 541, 544, 546, 547,
200003	550, 551, 558, 554, 556,559, 562, 563, 565,

DACE.	l nam
Nichols (Francis), continued—	Ord (George), continued—
569, 572, 573, 576, 580, 582, 583, 584, 587,	 603, 612, 615, 621, 622, 623, 624, 625,
588, 589, 590, 591, 592, 593, 594, 595, 596,	629, 630, 643, 646, 649, 651, 660, 661,
597, 598, 599, 616, 617, 632, 633, 642, 646,	662, 663, 665, 679, 680, 685, 698, 700,
Nicholson (J.) 195, 198 199, 205, 207, 210,	702, 703, 704, 705, 706, 709
214, 215, 218, 221, 228, 229, 239, 332, 342,	Ormerod
343, 344, 515	Oswald (J.)
Nicklin (P. H.) 488, 490, 591, *592, 596,	Otis (G. A.)
598, 601, 612, 614, 615, 616, 621, 624, 631,	Otolenge (Jos.) *61
632, 633, 610, 663, 667, 672, 685, 689, 702,	Otto (Dr.)
709	Otto (Dr. J. C.) *469, 470, 471, 473, 475,
Nicola (Lewis) 24, 32, 33, 43, 44, 46, 47,	479, 484, 485, 522, 596
99, 100, 101, 103, 107, 108, 109, 110, 114, 121, 123, 125, 129	Otto (Lewis Wm.)142, *147, 195
121, 123, 125, 129 Nicollet	Ovid
Niederstetter	Owen
Niemcewicz (Julien) *270, 271	P.
Niles	Page (J.) 117, 210, 218, 228, 237, 238, 246, 276
Nixon	Paine (Robert Treat)
Noel (Dr.)	Palissy
Norden (F. L.)	Palladi
Nordmark (Prof. Zach.) *511	Pallas (Peter Simon, M.D.) 198, 435
Norris (Miss)	Palmer (T. H.)
Norris (Jos. P.) 367, 455, *457, 482	Pancoast (Dr.) 630
Nott	Papin
Nourse	Parent vide Duvigneau and Parent
Nulty (Eugenius) 467, 473, *474, 475,	Park (Mungo)
476, 480, 481, 482, 483, 484, 485, 487, 490,	Parke (Dr. Thos.) 87, 95, 145, 154, 192,
493, 495, 505, 547, 557, 561, 574, 576, 577,	198, 212, 221, 223, 227, 231, 235, 237,
590, 592, 594, 651, 653, 655, 656, 657, 663, 679, 680, 681, 682	238, 258, 282, 290, 314, 317, 319, 320, 363,
Nuttall (T.) *474, 475, 480, 483, 495, 499,	381, 396, 435, 450
500, 501, 502, 503, 504, 508, 539, 601, 602,	Parker (Dr. Daniel) 123, 128, 269, 346, 370, 458, 459 472, 473, 649
646, 650, 651, 693, 697, 699, 702, 704	Parks (Dr.)
010, 000, 001, 000, 001, 000, 101,	Parkes (Sam.)
0.	Parkinson
"Oeconomy"	Parnaentier
Oersted (Hans Christian), 585, *589	Parr
O'Gallagher393	Parrish (David) 455, 458, 464, 469, 471,
Ogleby (Jos.) 167, 184, 202	472, 475, 480, 483, 502, 509, 512, 535
Okeley	Parrish (Dr. Jos.), *454, 460
Oliveira	Parsons (Hm.)
Oliver (Andrew) 68,74, *75	Partridge (A.),
Olmstead (Denison)677	Paschal (Isaac)
Olsen (P. B.)	Paschal (Joseph) *9, 72, 95
Olson (Bleeker)	Paschall (I. and J.)
Oltmann	Patrullo
Oppian	Patterson (Miss)
Ord (George)*474, 475, 481, 482, 483, 484, 485, 488, 489, 492, 493, 495, 198, 504,	Patterson (Mrs.)
	Patterson (Dr. N.)
520, 521, 522, 523, 524, 526, 527, 528,	Patterson (Rev. R.) 471
529, 530, 531, 532, 534, 535, 536, 537,	Patterson (Robert) 121, 126, 128, 129,
538, 540, 541, 543, 544, 546, 547, [548,	130, 136, 142, 146, 147, 148, 154, 156,
549, 550, 551, 553, 554, 559, 560, 562, 563,	158, 159, 160, 166, 167, 169, 173, 174,
564, 565, 566, 569, 572, 573, 574, 575, 576,	176, 177, 178, 179, 180, 181, 183, 185, 186,
578, 579, 580, 581, 582, 584, 585, 588, 595,	

PAGE. 1	PAGE.
Patterson (Robert), continued—	Paykull (Gus.) 298, *308
202, 205, 206, 207, 209, 210, 211, 214, 215,	vide also De Paykull
216, 217, 218, 219, 221, 223, 225, 227,	Payne
228, 229, 230, 232, 233, 284, 235, 236, 237,	Peale 146, 174, 178, 182, 183, 198, 199, 205,
238, 239, 240, 241, 242, 243, 244, 245, 246,	207, 209, 210, 211, 212, 214, 215, 216, 217,
247, 248, 249, 252, 253, 255, 256, 257, 258,	218, 219, 220, 221, 222, 223, 224, 225,
259, 260, 261, 262, 263, 264, 265, 266,	227, 228, 229, 230, 232, 233, 234, 235,
267, 268, 270, 271, 272, 273, 274, 276,	237, 238, 239, 240, 241, 242, 243, 244, 245,
277, 278, 279, 280, 281, 282, 284, 285, 206,	247, 248, 249, 252, 253, 254, 256, 257, 258,
287, 288, 289, 290, 291, 295, 296, 297, 298,	259, 260, 261, 262, 263, 264, 266, 267, 268,
299, 300, 302, 303, 304, 305, 306, 307, 308,	270, 271, 272, 276, 277, 278, 279, 280, 281,
309, 310, 311, 312, 313, 314, 315, 317, 318,	282, 283, 284, 285, 286, 288, 289, 290, 294,
319, [320, 321, 322, 323, 324, 325, 326, 327,	295, 296, 297, 298, 299, 300, 302, 304, 305,
325, 329, 331, 333, 334, 335, 336, 337, 335,	806, [307, 309, 310, 311, 312, 313, 314, 315,
339, 340, 341, 343, 344, 345, 346, 347, 348,	316, 317, 318, 319, 320, 321, 322, 323,
349, 350, 351, 357, 358, 359, 360, 361, 362,	324, 325, 326, 327, 328, 329, 332, 333, 334,
365, 368, \$369, 370, 371, 372, 373, 374, 375,	335, 336, 337, 338, 339, 340, 341, 342, 343,
376, 377, 378, 379, 380, \$\ 381, 382, 383, 384,	344, 345, 347, 348, 349, 350, 351, 357, 358,
385, 386, 387, 388, 389, 390, 391, 392, 393,	359, 360, 361, 362, 363, 364, 365, 368, 369,
394, 396, 397, 398, 399, 400, 401, 402, 403,	370, 371, 372, 373, 375, 376, 379, 381, 382,
401, 405, 406, 407, 408, 409, 410, 411,	383, 384, 385, 386, 387, 388, 389, 390, 392,
#112, 413, 414, 415, 416, 417, 418, #419,	393, 394, 395, 396, 397, 398, 399, 400, 401,
420, 421, 122, 423, 421, 125, 426, 427, 428,	402, 403, 407, 408, 409, 411, 412, 413,
429, 130, 131, 132, 133, 431, 435, 436, 437,	414, 416, 419, 432, 433, 434, 471, 505, 546,
[133, 111, 412, [143, 414, 445, 416, 417,]	555, 668, 686, 691, 710
448, 449, 450, [451, 452, 453, 454, 455, 456,	Peale (Dr.)
457, 453, 459, 460, 463, 461, 465, 466, 467,	Peale (Chas.)
468, 469, 470, 471, 472, 473, 474, 475,	Peale (C. W.) *144, 158, 167, 187, 197,
176, 477, 478, 479, 480, 481, 482, 483,	[201, [217, 216, 291, 321, 330, 333, 346, 387,
1484, 485, 486, 487, 488, 489, 490, 491,	425, 431, 511, 532, 557, 558, †564
[492, 493, 491, 495, 496, 497, [493, 499,	Peale (Ed.)
500, 501, 502, 503, 505, 506, \$507, 508,	Peale (Franklin) *640, 673, 680, 685, 690
509, 510, 511, 512, 513, 514, 515, 516, 517,	Peale (Raphael) 282, 331, 332
51×, 519, 520, 521, 522, 523, [521, 525, 527,	Peale (Rembrandt)321, 325
528, 523, 530, †531, 533, 531, [535, 536, 537,	Peale (Titian R.) *638, 642, 643, 660, 661,
53 4, 542, 543, 544, 545, 547, \$\[548, 549, 550, \]	672, 679, 680, 685, 689, 690, 691, 693, 697,
551, 552, 553, 555, 556, 557, 554, \$560, 561,	702, 704
562, 568, 561, 565, 567, 568, 509, 571, 572,	Pearson & Co
573, 574, 575, 576, 577, 580, 582, \$\$58, 590,	Pearson (Alex.) 388, *525, 674
611, 673, 674, 676, 678, 679, 684, 685, 686,	Pearson (Eliphalet) 197, 221
687, 688, 691, 693, 694, [697, 700, 702, 703,	Pearson (James) *9, 24, 31, 32, 33, 36,
705, 709, 710	37, 63
Patterson (Dr. R. M.) . *415, 436, 437, 438,	Peck (Jacob) 551
439, 412, 143, 445, 446, 448, 449, 1451,	Peck (W. Dandridge) *236
452, 453, 454, 458, 459, 400, 462, 464, 465,	Pedder (Jas.)
 465, 471, 472, 473, 474, 475, 476, 477, 478,	Pederson (Peter) 481, *508, 517, 518, 521
479, 483, [484, 486, 487, 488, 489, 490, 491,	524, 528, 538, 542, 545, 546, 548, 549, 550,
 492, 493, 495, 496, 498, 500, 501, 504,	551, 585, 587, 588, 589, 591, 593, 594, 598,
506, \$507, 508, 509, \$516, 517, 519, 520,	602
521, 522, 523, 521, 526, 527, 528, 529, 530,	Pekenino 510
582, 586, 537, 588, 580, 40, 541, 546, 549,	Pelham
552, 553, 561, 570, 573, 576, 579, 580, 583,	Pemberton 20, 24, 29, 32, 33, 42, 43, 46,
619, 661, 675, 679, 634, 686, 637, 692, 697,	49, 50, 51, 52, 66, 67, 258, 276, 278
7(0, 701, 704, 706, 708	Pemberton (Israel) *3, *7, 8
Patterson (Wm., M.D.) *270, 399	Pemberton (J.) *7, 24, 192
Pauli (Mrs.)	Pemberton (Phineas)98, 192, 264
Paupard	Penington (J., M.D.)
PROC. AMER. PHILOS. SOC. I. lv.	PRINTED FEBRUARY 20, 1885.

PAGE.	PAGE.
Penn (Granville)*685, 698	Pinckney (Chas. C.) *168, 324, 362, 466,
Penn (Hon. J.)	483
Penn (Richard) *4, *8, 63, 67	Pickney (Thos.) *256, 266, 398
Penn (Hon. Thos.)	Pingrè
Penn (Wm.) 317, 336, 432, 491	Pinheiro (José F. F.)
Pennington 31, 34, 49, 52, 71, 404, 407,	Pinkerton
423, 426, 431, [438, 489, [443, 466, 475,	Pitkin
476, 532, †655	Plana
Pennington (Edward) 24, *403, 450, 655	Plantou (A.)
Percival	Plato
Pereira (José Maria Dantes) *580,589	Playfair
vide also De Pereira	Pleasant (Jas. B.)
Perigord (Talleyrand)	Plessis vide Du Plessis
Perkin (Dr. J.) . 84, 87, 427, 487, *488, 490, 492	Plitt (Rev. John)*517
Perkins (D.)	Plitz
Perkinson	Ploeffel 630, 641, 674
Perouse	
vide also La Perouse	Plowden
	Pocahontas
Perrier	Poinsett (Joel R.) 491, *562, 567, 568,
Persival (Dr.)	571, 581, 587, 594, 600, 601, 606, 616
Perthe	Pole (Ed.)
Peters (Judge)	Pole (Thos.)
Peters (Dr.)	Poletica (P.)
Peters (B.)	Pollock (Geo.) *439, 442, 445, 457, 466,
338	474, 478, 483, 490, 521, 532, 543, 545, 558, 596, 602, 604
Peters (Sam.)	Pollock (J.)
Peters (Thomas)	Polypus
Pettitt (Charles) 149, 156, 158, 167,	
179, 185, 187, 191, 201, 230, 240	Ponboppidix
Peyrolon (Don. Fr.) *311	Poole (Wm.)
Peyrouse (Henry) 368, 377, 378	Pope
Phillipe (Louis) *618, 614, 680	Popowski
Phillips (Prof.)	Poppel
Philo-Franklin 184, 185, 186, 201, 211	
Phipps	Potocki (Count)
Physick (Edmund) *9, 35, 61, 62, 64,	Potts (John.)
74, 97	Potts (Thos.)
Physick (Dr. Philip Syng) *326, 474,	Pougens (Chevalier Charles) . *596, 600,
489, 606, †710	†648, 651, 656, 670
Picart	Poulin
Pichon (L. A.)	Poulson (Zach.)
Pickering (Charles, M.D.) 484,570,572,	Poulteney (W. C.)
*576, 577, 578, 579, 580, 581, 582, 584,	Pound (Morris)
588, 589, 590, 591, 594, 596, 598, 601, 602,	Powel (Jos.)
606, 612, 614, 616, 618, 623, 626, 627, 628,	Powel (J. Hare)
631, 640, 643, 646, 650, 655, 660, 665, 667,	Powel (samuel) *9, 58, 130, 298
668, 671, 672, 673, 674, 680, 682, 683, 688,	Powell
690, 691, 697, 698, 702, 703, 705, 706, 708	Powhatan
Pickering (J.)	Poyntell (W.)
Pickering (Tim.)	Pozzo
Pictet	Pratz vide Du Pratz
"Pieces"	Preble (Commodore)
Pierson	Preston (T.)
Pierie (J.)	Price (T. D.)
Pike	Price (R., D.D.)
Pilman (Philip)	Priestley (Dr. J.). 124, 129, 163, 196,
,	,,, (, ,, ,,, ,

PAGE.	PAGE.
Priestley (Dr. J.), continued—	Rawle (Wm.) . *144, 250, 262, 433, 450, 460,
223, 224, 237, 238, 239, 247, 248, 252, 273,	464, 470, 471, 472, 473, 475, 476, 478, 484,
275, 276, 278, 287, 289, 294, 298, 301, 302,	485, 507, 522, 529, 535, 537, 564, 578,
307, 309, 310, 326, 333, 334, 336, 313, 344,	
345, 346, †348, 350, 368, 369, 370, 395, 399,	
	646, 663, †685, 697
437, 480, 481, 487	Raynall (Abbè) 89, 93, *95, 96
Priestman (Wm.) 617	Reade (Chas)
Prime (Dr.)	Real (Count) *542, 543, †656
Prince (Rev. J.) *370, †689	Reddick (David) *168, 175, 179
Principe de la paz (El.)	Reddle (Capt.)
Pringle (Sir John) 88, 92, 97, 98	Redfield
Pritchard (J. C., M.D., F.R.S.) *702	Rediger (John C.)
Prony	Rediger (Wm.) 119, 125, 132, 134, 146,
Prosper (Count Balbo) *613	152, 161, 177, 190, 197, 208
Prosperin (Dr. Eric) 335, *337, 346	Redman (Dr. John) *4, *7, 10, 11, 20, 42,
Proud (Robert) *5, *12, 82, 325, 434	43, 45, 49, 62, 64, 71, 74, 81, 191
Pryor (Thomas) *4, *7, 8, 10, 15, 17, 19,	Read (Joseph) *6, 14, *15, 99, 101, 103,
31, 35, 37, 38, 80, 317	109, 110, 114, 116, 129, †136, 455, 457,
Pryor (Mrs.) 317, 318	458, *460, 462, 465, 571, 583, 591
Pugh (Sam.)	Rees
Puissant	Regnaud (A.)
Purviance (Samuel, Jr.) *5, *12, 48, 50	Reich (J.)
_ == , == =	Reinwardt (C. G.)
Q.	
•	Remusat (J. P. Abel) 430, *599
Quadrado (Don Francesca de Paula).	Rennels
586, 588, *596, 597, 598, 601, 602, 612, 615,	Renshaw
616, 617, 622, 652, 655	Renwick (Prof. James) *585, 589
Quemard	"Retrograde" 165, 177, 185, 186
Quetelet 638, 651, 652, 687	Retzius (Andrew J.) *439
Quincy (Josiah) *592, 596	Reynell (J.)
Quoy	Reynolds (Jas.) 203
	Rhea (Captain) 343
R.	Rhea (J.) *5, *12, 33, 34, 42, 50, 52,
Rabbahman [sic] (Prince Abduhl) 707	59, 61, 74
Rafinesque 494, 545, 558	Rhoads (Sam.). *1, *3, 7, 8, 11, 12, 17, 18, 19,
Rafn (Col. Christian) 552, 557, 565, 567,	
585, *589, 614	20, 24, 29, 31, 38, 39, 42, 44, 45, 46, 47,
, ,	48, 49, 50, 51, 52, 53, 55, 56, 57, 58, 59, 61,
Raguet (Condy) 457, *514, 521, 571, 586,	63, 64, 66, 67, 68, \(\(\) (69, 71, \(\) (74, 76, 77, 78,
621, 622, 646, 653, 655, 659, 661, 663, 668,	79, 80, 85, 86, 89, 94, 97, 98
672, 701, 702	Rhoads (Samuel, Jr.) *61
Raleigh	Rhodes (S.)
Ralston (Gerard) 612	vide also Rhoads
Ralston (M. C.) 472, 474	Richardson (Joseph) *4, *8, 376
Ramirez (Alex.) *308, 469, 470, 471, 482	Ridgeley (Dr. Fred.) 427
Ramsay (David, M.D.) 331, 334, *343,	Riggs
359, 425, 483	Riley (Capt.)
Ramsey (Wm.)	Rio (and Rios) vide Del Rio
Randall (Math.)	
	Rittenhouse (Benjamin) 170, 244
Randolph (Dr. Jacob) 606 *629 629 649	Rittenhouse (David) *3, *7, 9, 12, 13,
Randolph (Dr. Jacob) . 606, *632, 633, 643,	14, 15, 31, 37, 38, 42, 44, 56, 58, 61, 62, 64,
672, 685, 702	65, 66, 68, 69, 70, 71, 72, 73, 74, 76, 79,
Randolph (Richard)	80, 81, 82, 83, 85, 86, 88, 89, 91, 92, 94,
Randolph (Thomas J.) 556	*95 , 98, 99, 100, 101, 102, 103, 104, 106,
Randolph (Th. Mann.)	109, 110, 111, 114, 115, 116, 117, 119,
Rapport	120, 121, 123, 124, 125, 126, 128, 132, 134,
Rask (Prof. R. K.) . 550, 551, 552, *594, 599	135, 136, 141, 146, 147, 148, 156, 158,
Raspé	160, 161, 165, 166, 1167, 168, 169, 174, 177,

PAGE.	PAGE.
Rittenhouse (David), continued—	Rozel
178, 181, 183, 184, 185, 186, 187, 188,	Rozier (Abbé) 83, 88, 92, *95, 98, 316,
189, 190, 192, 193, 194, 195, 196, 198, 199,	402, 473
200, 201, 202, 204, 205, 206, 209, 210,	Ruiz
211, 212, 215, 216, 217, 220 223, 224,	Rumford (Count B.) 308, 309, 310,
225, 226, 227, 228, 232, 233, 235, †239,	332, 362
240, 243, 245, †250, 251, 258, 271, 278, 282,	Rumsey (Jas.) 159, 160, *172, 182, 207
286, 303, 306, 328, 330, 386, 400, 416, 421,	Rumsey (Mrs. Sabina) 51
421, 425, 426, 442, 445, 451, 467, 500, 507,	Rumsey (Wm.) *6, 14, 36
515, 524, 535, 647, 559, 607, 610, 622, 629,	Rusconi
630	Rush (Dr. Benjamin) $ 47, 52, 53, 54, 58,$
Rittenhouse (Mrs. David) . 241, 242, 244,	59, 60, 61, 62, 66, 69, 70, 71, 73, 74, 79,
248, 253, 259, 287, 289, 295, 298	80, 85, 86, 87, 88, 89, 91, 94, 95, 96, 98,
Rives (William C.) *616, 620	100, 101, 124, 126, 136, 141, 154, 163,
Rivinus 534, 545, 554, 572, 581	[167, [187, 189, 191, 194, 195, [201, 215,
Roberts (G.)	240, 243, 244, 245, 246, 252, 257, 260, 261,
Roberts (Hugh) *3, *7, 465, 483	263, 265, 267, 277, 290, 314, 371, 381,
Roberts (Joseph) *592, 593, 594, 595, 596,	382, 412, 415, 427, 432
613, 614, 618, 651, 661, 668, †675	Rush (James, M.D.)
Roberts (S.)	Rush (Richard)
Roberts (W.)	Russell (Jonathan) 322, 510 Ruston (Dr. Thos.) 141, *147, 152, 154,
Robertson (Eben.) 77, 146, 317, 385, 466 Robertson (J.) 123	159, 168, 177, 186, 188, 192, 195, 197, 205,
Robinson (Moncure) *630, 631, 663, 680	210, 213, 218, 219, 221, 223, 225, 227, 228,
Robertson (W. H.)	229, 232, 238, 289, 339, 341, 342, 343, 344,
Robotham (Rich.)	345, 347, 348, 349, 350, 351, 358, 360
Rochefoucault (Duke de) *144	Rutherford
Rochelle (Roux de) vide de Rochelle	Rutland (Jas.)
Rodgers (Dr.)	Ryer vide Du Ryer
· · · · · · · · · · · · · · · · · · ·	Ryer vide Du Ryer Rzewusky (Count Wenceslaus) 574
Rodgers (Dr.)	Rzewusky (Count Wenceslaus) 574
Rodgers (Dr.)	Rzewusky (Count Wenceslaus) 574
Rodgers (Dr.)	Rzewusky (Count Wenceslaus) 574 Sabine (Jos.) 578
Rodgers (Dr.)	Rzewusky (Count Wenceslaus) 574 S
Rodgers (Dr.)	Rzewusky (Count Wenceslaus) 574
Rodgers (Dr.)	Rzewusky (Count Wenceslaus)

PAGE.	PAGE.
Say (Thos.), continued—	Seybert (Dr. Adam), continued-
535, 537, 540, 543, 544, 545, 548, 561,	346, 347, 348, 349, 350, 357, 359, 363, 365,
627, 628, 629, †660, 662, 688, 690	369, 370, 371, 372, 373, 379, 381, 382, 384,
Saxton (Josh.) 640, 704, *708, 709, 711	386, 387, 390, 391, 392, 393, 394, 395, 398,
Saxe Weimar (Bernard, Duke of) . *601	399, 400, 401, 402, 403, 404, 407, 409, 410,
Scaliger	411, 416, 419, 425, 439, 447, 418, 453,
Scandella (J. B.) *270	458, 460, 465, 469, 471, 506, 508, 511, 513,
Schaeffer (Rev. F. C.) . 271, 375, *490, 491,	514, 516, 517, 518, 519, 520, 521, 522, 523,
505, 507, 695	524, 525, 526, 527, 528, 529, 530, 585, 592,
Scheveter	598, 602, 709
Schlegel (Counsellor)	Seybert (Henry) 512, 513, *525, 526, 612
Schmidt	Shaler (W.) 520, 521, 541, *558, 581, 582
Schoolcraft (Henry R.) *638, 639	Shallus
Schroder (Prof.)	Shattuck (Dr.) 315, 399, 403, 404, 595
Schuckmann (Baron) 570, 582	Shaw (Hugh G.)
Schultz (Dr. B.) 232, 274, 275, 314, 322,	Shaw (Moses) 618
334, 398	Shettle (W. A.)
Schultze (Gott. E.) *514, †655	Shiell
Schumacher (C. F.)	Shippen 7, 8, 12, 32, 33, 34, 37, 130, 306,
Schumacher (Prof. H. C.) *519	307, 327, 328, 358, 359, 360, 363, 365, 369,
Schweinitz 511, 616, †648, 651	372, 382, 385, 386, 394, #403, †412
vide also De Schweinitz	Shippen (Jr.) 17, 19, 20, 31, 32, 33, 59, 62,
Schweidnitz (L.)	64, [69
Scott (J. Morin) *6, 14, *15	Shippen (Dr.) 8, 10, 18, 20, 45, 50, 53,
Scott (J. M.) *454, 455, 472, 483, 502, 532	246, 280, 302, 314, 344, 345, 384
"Scrupulous"	Shippen (Edward) *5, 11, *12, 18, 192,
Scull (Nicholas)	690
Sedenovide De Sedeno	Shippen (Edw., Jr.) *3, 24
Seixas (Gershom M.) 433	Shippen (Joseph) 8, 9, 11, 12, 15, 24, 38
Sejours vide De Sejours	Shippen (Joseph, Jr.) *4, *7
Sellers (J.) *5, *12, 24, 31, 36, 37, 41, 50	Shippen (Thos. Lee) *215
Sellers (Nathan) 428	Shippen (Dr. Wm.) *3, 10, 16, 24, 43,
Semmes	 100
Sepp	Shippen (Dr. Wm., Jr.) *3, 7, 8, 9, 10,
Serenius	11, 12, 21, 24, 35, 42, 61, 127
Sergeant (Col.)	Shoemaker (Jacob) 198
Sergeant (Mrs. Eliz.) 287, 304, 306, 421,	Shoemaker (Sam.)
422, 427	Short (Dr. Wm.) *359, 365, 369, 376, 381,
Sergeant (John) *439, 442, 445, 452, 456,	384, 385, 391, 392, 393, 394, 396, 397, 403,
458, 460, 464, 478, 482, 484, 496, 507,	426, 447, 448, 449, 452, 455, 465, 466, 472,
525, 528, 529, \$\ 535, \$\ 537, 555, \$\ 573, 596,	474, 478, 485, 494, 498, 518, 522, 526, 528,
624, 626, 673, 702	532, 534, 541, 544, 552, 564, 573, 576, 580,
Sergeant (Jon. D.) *122, 205	588, 590, 596, 598, 600, 602, 614, 629, 646,
Sergeant (Thomas)*623	649, 654, 656, 660, *663, 665, 672, 692, 705
Serra (E.T. Correa) vide Da Serra	Shriver
Serra (Jose Correa) vide De Serra	Shultz (Dr. Ben.) 264, 290, 294, 297, 298
Seward	Sibley (Dr. John) 512
Sewell (Hon. Jona.) *601	Sicard
Seybert (Dr. Adam) 243, *246, 247, 249, 254,	Sicilies (King of the Two) , 668
255, 257, 258, 259, 260, 261, 262, 263, 264,	Silliforth (Rich.)
1 266, 267, 270, 271, 272, 273, 274, 275, 276,	Silliman (Prof. Ben.) *370, 404, 512,
277, 278, 279, 280, 281, 282, 284, 285, 286,	642, 647, 672, 677
287, 288, 289, 290, 294, 295, 296, 297, 298,	Silvavide Da Silva
299, 300, 305, 306, 307, 309, 310, 311, 312,	Silvervide De Silver
314, 317, 318, 319, 320, 322, 323, 324, 325,	Simitier (P. Eugene Du) 59, 60, 61, 62,
326, 327, 328, 329, 330, 331, 332, 333, 334,	63, 64, 71, 88, 89, 91, 93, 91, 95, 98, 127
335, 336, 337, 338, 340, 341, 342, 344, 345,	vide also Du Simitière

PAGE.	PAGE.
Simler	Smith (P.)
Simpson	Smith (R.) *12, 80, 238, 239, 243, 253, 255,
Sims	256, 260
Singh (Ranjeet) 657	Smith (Rich,)
Six (J.)	Smith (Rich. Peters) *236, 240, 241, 246,
Sjoestin (Prof.)	247, 254, 257, 258, 261, 266
Skinner	Smith (R. S.)
S. M	Smith (Robert)
Small (Ab.) 470, 482, 514, 523, 555, 582	Smith (Samuel) *6, 14, *15, 148, 249, 252
Small (Alex.)	Smith (S. H.) *246, 254, 255, 256, 262, 268,
Smeaton	261, 265, 266, 267, 268, 269, 270, 271, 27 2,
Smell	273, 275, 276, 277, 278, 279, 280, 281, 282 ,
Smiley (Finley)	283, 284, 285, 286, 287, 288, 290, 294, 295,
Smilie (J.)	296, 297, 298, 299, 300, 312
Smith 9, 10, 12, 13, 17, 19, 32, 33,	Smith (Dr. S. Stanhope) 257
43, 46, 47, 49, 52, 62, 64, 66, 77, 78, 80,	Smith (Thos.) *5, *12, 100, 273
81, 85, 91, 94, 101, 103, 106, 119, 123, 178,	Smith (T. B.) 198, 294
179, 183, 185, 186, 188, 191, 193, 215, 237,	Smith (T. P.) 272, 273, 278, *283, 284, 285,
240, 243, 247, 265, 274, 281, 313, 317, 324,	286, 287, 288, 289, 290, 294, 295, 310, 328,
328, 338, 340, 343, 344, 346, 359, 361, 365,	337, 340, 346, 370
371, 372, 376, 377, 382, 398, 408, 429, 432,	Smith (Rev. Dr. Wm.) 3, *6, 7, 8, 9, 11,
434, 438, 440, 442, 452, 451, 659	*14, 15, 18, 20, 21, 22, 23, 24, 31, 37, 42,
Smith (Dr. A. G.) 539, 600, 616	43, 44, 45, 46, 47, 48, 50, 52, 54, 55, 56,
Smith (Chas.) 346, *370, 384, 445, 450,	57, 58, 59, 60, 61, 63, 65, \$\ 69, 71, 72, 73,
498, †683	 74, 75, 76, 80, 81, 83, 84, 85, 86, 88, 89,
Smith (Prof. Daniel B.) *596, 597, 601,	91, 92, 94, 95, 96, 97, 93, 99, 100, 104,
612, 620, 623, 640, 650, 675	105, 108, 120, 149, 151, 181, 183, 185, 186,
Smith (I.) 61, 63, 256, 294, 318	187, 192, 197, 199, 200, 201, 207, 210,
Smith (J.) *6, 14, *15, 64, 68, 69, 70, 74, 77	211, 217, 227, 235, 242, 244, 245, 247,
Smith (J. P.)	248, 252, 255, 261, 266, 268, 358
Smith (Jas. Ed., M.D.) *236, 281, 445	Smith (Wm. Lougton) 354, 265, 400
Smith (Jno. B.) 99, 110, 114, 129, 152,	Smith (Wm. Peartree) *6, 14, *15
186, 191, 195, 199, 220, 221, 227, 229, 235,	Smither (Jas.) 58, 62, 63
246, 249, 252, 254, 255, 256, 262, 263, 266,	Smithers
267, 273, 275, 277, 278, 279, 280, 281, 282,	Socrates
284, 288, 290, 297, 298, 299, 300, 302, 304,	Snider (Jac.)
305, 306, 307, 309, 310, 311, 312, 313, 318,	Soler
319, 320, 321, 323, 324, 326, 328, 330, 331,	Solis vide De Solis
332, 333, 334, 335, 337, 346, 348, 349, 350,	Sonnini
357, 358, 361, 362, 363, 365, 368, 369, 370,	Soto vide De Soto
371, 373, 375, 378, 384, 385, 386, 389, 390,	Souciet
392, 393, 394, 396, 397, 398, 399, 400, 402,	Soulavie (Abbè) 118, 165, 362, 376
403, 404, 405, 407, 408, 409, 410, 411, 412,	Southard (Samuel L.) 557, *616
413, 414, 415, 416, 417, 419, 421, 425,	Spafford (Horatio Gates) 461, 463, 465
426, 427, 431, 432, 433, 434, 435, 438	Spaight (Richard D.) 279
Smith (Jonathan) *4, *8, 10, 11, 12, 20,	Spallanzani
34, 42, 44, 50, 52, 53, 54, 58, 59, 60, 62,	Sparkes (Jared) *702, 704
64, 66, 80, 82, 84, 120	Sparrman (Dr. And.) 179
Smith (Jos.)	Spalding (Dr.)
Smith (John R., A.M.) *294, 298,	Spence (Dr. Geo.) *147
307, 314, 315, 320, 326, 328, 333, 334,	Spencer (Asa) 697
337, 348, 359, 362, 369, 386, 392, 396, 397,	Sperry (Jac.) 488
399, 400, 403, 405, 407, 409, 410, 411, 412,	Spotswood (Wm.) 182
413, 414, 415, 417, 418, 419, 420, 421, 422,	Spring (Rev. S.)
1425, 426, 430, 431, 132, 439, 413, 450,	"Spring Block" 186
460, 532	Sprowle (Ensign) 70
Smith (Judge) 591	

PAGE.	PAGE
Stählen (I. von)	Stuart (Moses)
Stanhope (Lord) 58, *86, 147	Styner & Cist
Stapler $(J.)$	Sullivan
Starrat	Sullivan (Gen.)
Staughton (Rev.W., D D.) *407, 409,	Sullivan (Jas.)
410, 412, 413, 418, 419, 439, 450, 468, 504,	Sullivan (R.)
518	Sully (Thomas) 434, 465, 468, 469
Staunton	479, 480, 497, 498, 499, 500, 602, 604, 612
St. Bartholomew 323	625, *674, 680, 697
St. Clair (Gen.) 253, 449	Survilliers (Joseph, Count de) . *519, 687
St Dominique	Sussex (Duke of)*625
Stedman (Alexander) *4, *8, 9, 11, 12,	Svanberg (Prof. Jons.)*511
16, 17, 18	Svenin
Steel (Widow)	Swammerdam
Steel (Dr. Hugh)	Swartz (Olof)
Steele	Sweden and Norway (Charles XII
Stegle (W. H.)	King of) 510
Steinmetz	Swediaur
Steinhauer (H.) 470, 471, *474	Swift (Brig. Gen. Jos. Gardiner) *446, 591
Stephens (J., Jr.)	Symmes (Dr.)
Sterling (Lord)	Symmes (John Cleves) 486
Stuart (Prof. Dugald) 198	Symon
Stewart	Syng (Philip, M.D.) . *3, 7, 8, 9, 10, 12, 13,
Stewart & Cochran	17, 19, 20, 23, 24, 32, 35, 43, 45, 47, 57,
Stewart (Donald)	61, 64
Stewart (Col. J.) *256, 337, 393	Syng (R.)
Stewart (Walter)	
Stevens (Dr. Ed.) 220, 221, 235, 340, 341,	
342, 343, 344, 348, 360, †671	T.
St. George vide De St. George	Tait (Judge) *566, 567, †678, 697
Stiles (Dr. Ezra)*4, *8, 110, 183	Tanner (Henry S.) 504, 512, 539, 595,
St. Lucia	*596, 597, 601, 623, 640, 643, 648, 656,
St. Mery (Moreau de) . *168, 229, 230, 232,	660, 661, 663, 667, 672, 673, 680, 702
234, 236, 237, 238, 239, 240, 242, 243, 244,	Tapputi
246, 247, 252, 255, 258, 259, 261, 267, 272	Tardieu
vide also De St. Mery	Tarischoff
Stockholm (Prof. N. H.) 18	Tatham (Wm.) 318, 384, 401, 402, 457
Stockler (Franc. de Borja) *390,	Taylor (R. C.) 415, 444, 689, 690, 691, 708
400, 442, †593	Taylor (S.) 65, 71, 81, 84, 100
Stockton (Richard)*6, 14, *15	Taylor, Sicard & Co
Stone	Teignmouth
Story (Isaac)	Temminck (Chas. J.) *531, 543
St. Pierre	Tench
Stretch (Thos.)	Ternant (John)
Strettel	Ternant (M.)
Strickland (W.) 297, 300, 452, *496, 497.	vide also De Ternant
498, 499, 500, 501, 502, 504, 509, 516, 517,	Terry (H.) 699
518, 519, 521, 522, 525, 529, 531, 532, 535,	Thackara (Jas.)
536, 587, 589, 548, 549, 551, 556, 558, 562,	Thenard
575, 576, 587, 588, 591, 596, 598, 601, 604,	Theodosius
[613, 614, 620, 621, [623, 626, [630, 643,	Thomas
644, 645, 646, 665, 676, 680, 698, 702	Thomas (David)
Stroebel (J. Christopher) 173	Thomas (Isaiah) *466, 471, 483, 617, 619
stroud (Wm.)	Thomas (Moses) 483, 485, 488, 492, 619
stroynowski	Thomas (Moses) 483, 485, 488, 492, 619 Thomas (Richard) 56, *61, 170
truvè (Baron) vide De Struvè	
tuart (Dr. Chas.)	Thompson (Dr. Boniomin) 425, 459, 532
······································	Thompson (Dr. Benjamin) 80

PAGE.	PAGE.
Thompson (Jas. G.)	Turner (George) continued-
Thompson (W.) 548	253, 254, 255, 256, 258, 260, 261, 262, 263,
Thomson (Charles) 9, 23, 24, 31, 32, 33,	244, 265, 266, 267, 268, 270, 271, 272, 273,
35, 37, 39, 41, 43, 44, 45, 46, 47, 48, 49,	274, 280, 281, 282, 283, 284, 285, 286, 287,
50, 51, 52, 53, 54, 55, 58, 84, 85, 91, 99,	238, 289, 290, 295, 296, 297, 312, 313, 668
100, 101, 110, 193, 425, 459, 571, 588	Turpin
Thomson (J. J.)	Tuscany (Grand Duke of) 678
Thornberger	Tussac vide De Tussac
Thornton (B.)	Tyarks (Dr. John Lewis) *550, 567, 575, 589, †707
211, 212, 213, 214, 217, 218, 221, 223, 229,	Tynnavide De la Tynna
394, 405, 685	Tyson (Job R.) 562, *680, 681, 682, 685,
Thorombert (Honoré) *562, 595, 649	691, 697, 702, 703, 705
Thunberg (C. P.) *193, 205, 348, 569,576,	
586	ਯ.
Ticknor (George) *582, 584, 589	Unanne
Tidyman (Philip, M.D.) *545, 547, 558,	Urbina (Luis de) 240, 255
584, 595, 602, 656, 672, 687	Usteritz
Tilghman (James) *3, *7, 8, 11, 24, 42	Usud
Tilghman (Wm.) *373, 376, 381, 383,	Utzschneider (J.)
384, 385, 391, 392, 403, 412, 413, 426, 431, 432, 433, 439, 450, 451, 453, 454, 159,	V.
460, 462, 467, 468, 475, 476, 477, 478,	Valentini (Dr.) 207, *212, 218, 261, 316,
479, 481, 484, 485, 487, 492, 497, 498,	365, 464, 473
499, \$507, 508, \$516, 517, 519, 520, \$524,	Valli (Dr.)
525, 526, 527, 528, 531, 535, 536, 539,	"Vallisneria"311
540, 544, 546, 547, 548, 560, †566, 567,	Valltravers (Rudolph) 197, *201, 206,
569, 570, 571	213, 214, 241, 243, 257
Tillock	Valpy (Bishop)
Tilton (Dr)	Value (Victor)
Timothy	Van Berckee (J. P.)
Todd (Wm. H.)	Van der Kemp (Frs. Arian) *370, 474
Tondi	Vandershotz 344
Tooke	Van Marum (Martinus, M.D.) 342,*382
Torrey (Jno., M.D.) 633, 668	Van Rensselaer (Dr. Jer.)548
Totten (Col. Joseph G.) *693	Van Swinden
Toussard (L.)	Van Til (Solomon)
Townsend (J. K.) 692, 710	Vanuxem (Lardner) *514 Vanuxem (Lewis) 529, 572
Tracy (Destutt) 379, *382, 491, †686, †708 vide also De Tracy	Variè (Ch.) . 229, 393, 395, 405, 443, 618, 648
Treat (Jos. B.)	Vassal
Trenchard	Vater (Rev. J. S., D.D.) *474, 490, 505
Troost (Dr. Gerhard) *460, 499, 500, 504,	Vaughan (Benjamin) 138, *144. 145,
518, 520, 521, 522, 523, 524, 529, 532, 533,	148, 342, 377, 547, †679
540, 541, 544, 641, 681	Vaughan (John) . *121, 124, 128, 130, 131,
Troughton (Edward) *470	131, 137, 143, 144, 145, 152, 154, 156, 158,
Trudeaux (Zenon)	
Trumbull (J.)	196, 197, 198, 199, [201, 204, 205, 207, 210,
Truxton (Thos.)	211, 214, 215, 217, 218, 219, 220, 221, 222,
Turgot	223, 225, 227, 230, 233, 234, 235, 237,
Turnbul (Wm.)	238, 239, 240, 241, 342, 243, 244, 246, 248,
Turner (Edward, M.D., F.R.S.)*693,	252, 255, 258, 260, 261, 262, 263, 264, 265,
† 702	266, 267, 268, 269, 271, 272, 273, 274, 275,
Turner (George) 179, 188, 199, 201, 207,	276, 277, 278, 279, 280, 281, 284, 285, 286,
209, 210, 214, 218, 221, 237, 248, 251, 252,	287, 288, 290, 291, 295, 296, 298, 299, 300,

PAGE.
Vaux (Roberts), continued—
640, 643, 646, 661, 662, 665, 666, †680
Velasquez
Ventenat
Vergennes (Comte de)*122, 129
Vethake (Henry) *616,706, 709
Viborg (E.)
Villaret & Garnier
Virgil
Voight (Henry)
Volney *246, 257, 258, 262, 263, 318, 375
Voltaire
Von Adelung (F.)
Von Burgdorf
Von Carleson (Gustaf)
Von Hammer (Jos.) 490, 523, 546, 574,
575, 591, 648, 687
Von Heynitz
Von Humboldt (Baron Wm.)*508
Von Krusenstern (A. J.) *529
Von Sonnenfels (Jos. Baron) *473
Von Struve (Henrich)
Von Stahlin
Von Troil (Uno)
V. T
7.1
w.
Wait (T. B.)
Waldheim vide De Waldheim
Walker (Andrew)
Walker (John, of Edenborough) 179
Walker (Ralph)
Walker (Sears C.) 590, 614, 640, 655, 661,
681,*708
Wall (Geo., Jr.)
Wall (Geo., Jr.)
Wallace (S.)

PAGE.	PAGE.
Warville vide De Warville	Whitehurst (J.)
Washington (Bushrod) *377, 379, 385	Whitlow
Washington (Geo.) 109, 114, 120, 289,	Whittlesey (Rev. Chauncey) *20
298, 323, 337, 338, 367, 486, 522, 527, 571,	Wickham (John)*663
658	Wickoff (M.)
Waterhouse (B., M.D.) 193, 195	Wilcocks (B. C.) 486
Waters (Nich. B., M.D.) *201, 205	Wilcocks (R.)
Waters (Mrs. Hester). 287, 304, 306, 421, 422	Wilcox
Watkins (Dr.) 328, 330, 334	Wilcox (Alex.)
Watson	Wildenow
Watson (James)	Wiley 385, 390, 392, 393, 394, 396, 398,
Watteville	402, 403, 404, 405, 409
Watts (Stephen)	Wilke
Way (Dr. Nich.)	Wilkinson (Brig. Gen. Jas.) *266, 270,
Wayne	275, 287, 302, 304
W. B	Willard (Rev. Jos.)
Weaver	Williams (Ed.)
Webster (Jas.) 455, 457, 465, 474, 477, 478,	Williams (Henry J.)*640
482, 484, 488, 524	Williams (Judge J.) 256
Webster (Noah, LL.D.) *570, 571, 572	Williams (Jonathan) 185, 187, 188, 189,
Weinwich (N.H.)	191, 192, 201, 202, 205, 206, 207, 209, 210,
Wells (Richard) 33, 82, 85, 86, 89, 90, 94,	211, 214, 215, 216, 217, 218, 223
95, 98, 115, 116	Williams (Jona.) 227, 228, 229, 234, 235
Welsh	242, 244, 245, 246, 252, 254, 255, 257, 258,
Wenkebach	259, 260, 261, 262, 265, 266, 267, 268,
Werner (A. E.)	269, 270, 271, 272, 273, 274, 275, 276, 277,
West (Ben.)	279, 286, 287, 290, 299, 300, 301, 302, 303,
West (Rev. S.)*20	304, 305, 307, 309, 310, 311, 319, 322,
West (Wm.)*5, *12	330, 332, 333, 334, 357, 358, 373, 391, 392,
Westring 442	393, 397, 413, 414, [419, 432, 433, 436, 437,
Wetherel (C. J.)	[438, 439, 440, 441, 442, 443, 444, 445, 447,
Wetherill (John Price) *566, 569, 572,	448, 449, 450, 451, 452, 453, 454, 466, 470,
573, 575, 576, 578, 580, 587, 588, 589,	489, 492, 494, 495, 650
591, 594, 598, 601, 602, 605, 606, [612, 614,	Williams (Rob.) 412, 426, 485 Williams (Rev. Samuel) 70, *72, 81, 87
616, 617, 622, 629, 643, 650, 663, 679,	Williamson (Dr. Hugh) *4, *7, 8, 9, 11,
Wetterstedt (Count Gust.) *503	12, 13, 15, 17, 20, 31, 32, 33, 35, 37, 38, 39,
Wharton (Chas., D.D.) 458, †648	40, 42, 43, 44, 45, 46, 47, 52, 53, 54, 56, 57,
Wharton (T. I.) 601, 617, 663, 673, 676,	58, 59, 60, 61, 62, 63, 65, 66, 68, 69, 70, 71,
681,691	80, 81, 82, 84, 115, 126, 152, 199, 210, 246,
Wheaton (Henry)*589	252, 253, 257, 267, 278, 279, 280, 350, 360,
Wheatstone	392, 437
Wheeler (S.) 228, 231, 238, 239, 240, 242,	Willing (Thos.) . *4, *7, 8, 9, 11, 18, 19, 118
246, 258, 262, 266, 277, 282, 284, 290, 304,	Wilson (Alex.) . *439, 440, 445, 448, 450, 512
307, 314, 316, 325, 346, 358, 361, 362, 365,	Wilson (Ch.)
373, 392	Wilson (D.) 389, 424, 427, 432, 435, 437
Whewell	Wilson (Jas.) 106, 110, 114
White (Jos.)	Wilson (Dr. Jas. P.) *445, 478, 521, 574
White Taylor	Wilson (Patrick)
White (Bishop Wm.) 45, 50, 52, 74, 99,	Winesop (B.)
100, 110, 114, 115, 118, 121, 127,	Winthrop (Hon. James) 358, *415, 418
120, 130, 136, 147, 156, 158, 167, 171,	Winthrop
192, 201, 219, 221, 227, 239, 246, 290,	Winthrop (T. L.)
298, 299, 346, 348, 349, 369, 378, 392, 419, 438, 460, 472, 532, 574, 683, †689	Wistar (Dr. Caspar) 154, 174, 175, 177,
Whitefoord (Caleb) 179, 193 +658	183. 188. 192. 193. 198. 201. 202. 205. 210.

	T. 4 CT
PAGE.	PAGE.
Wistar (Dr. Caspar), continued—	Workman (Ben.)
211, 215, 216, 217, 218, 220, 221, 223,	Workman (Jas.)
225, 227, 228, 229, 230, 233, 234, 235,	Worral
238, 239, 240, 242, 243, 245, 246, 247, 248,	Worthington 410
249, 250, 252, 254, 255, 256, 257, 258, 261,	Wrangel (Rev. Dr. Ch. Magnus) *6, *19,
262, 263, 264, 265, 266, 267, 268, 270, 271,	73
272, 273, 275, 276, 277, 278, 279, 280, 282,	Wright (Jas.) *5, *14, 18
285, 288, 289, 290, 295, 296, 297, 298, 299,	Wright (Thos.)
300, 301, 302, 303, 304, 305, 306, [307, 308,	Wright (Dr. W.) 84, 85, 87
309, 310, 311, 312, 313, 314, 317, 318, 319,	Wylie (Sir Jas.)
320, 323, 325, 327, 328, 329, 330, 334, 335,	Wylie (Rev. Sam. B.)*382, 383, 396, 412,
336, 340, 344, 345, 346, 347, 348, 349, 350,	413, 414, 419, 450, 454, 521
351, 357, 358, 359, 361, 362, 363, 365, 368,	Wynkoop (B.) 32, 43, 54, 55, 64, 71, 76, 86
	Wynkoop (Henry) 135, 280, 281
[369, 370, 371, 372, 373, 374, 376, 377, 378,	Wynne
379, 380, 381, 382, 383, 385, 386, 387, 388,	wynne
389, 390, 391, 392, 393, 394, 397, 398, 399,	37
400, 401, 402, 403, 404, 405, 406, 408, 409,	X.
410, 412, 413, 414, 415, 418, 419, 421, 422,	"X"*269
 425, 426, 427, 428, 430, 431, 432, 433,	X. Y 165, 177, 185, 186
434, 435, 436, 437, 438, 439, 440, 442,	X. Y. Z 266, 268, 276, 303
 443, 444, 445, 446, 447, 448, 419, 450,	
451, 452, 454, 455, 456, 457, 458, 459,	Y.
460, 461, 463, 466, 467, 468, 469, 470, 471,	
472, 473, 474, 475, 476, 477, †478, 479, 481,	Yaroslaff (Grand Duke)
612	Yarrel (William) *599
Wistar (Mrs.)	Young
Wistler (Charles J.) *426	Young (Arthur)
Witherspoon (Dr. J.) *35, 62, 110, 115	Young (Dr. Geo.)92
Witt vide De Witt	Young (J.)
Wolfius (Baron)	Young (P)
Wood (Geo. B., M.D.) . *594, 596, 601, 602,	Yrugo
616, 621, 623, 667, 668, 673, 674, 684, 702	vide also D'Yrugo
Wood (Joseph)	Yroji vide D'Yroji
Woodhouse (Jas. M.D.) *236, 238, 239,	Yrujco (Marquis)
240, 241, 242, 245, 246, 254, 256, 257, 260,	Yruja (Marq.)
262, 267, 271, 273, 274, 275, 276, 277, 278,	Yrujo (Marquis de Cassa) 369, 370, 391,
280, 281, 282, 284, 285, 286, 288, 295, 296,	435
298, 300, 301, 302, 304, 305, 306, 307, 309,	Z.
310, 311, 312, 313, 314, 318, 319, 320,	
321, 322, 327, 328, 329, 330, 331, 332, 333,	Zach vide De Zach
334, 335, 336, 337, 339, 340, 344, 345, 346,	Zecchinelli (Dr.)*566
347, 348, 350, 359, 360, 361, 362, 363, 365,	Zeisberger (David) 467, 523, 554, 564
369, 372, 382, 390, 391, 392, 396, 403,	Zollikoffer (W., M.D.)527, 574, 644,
405, 416, 420	656, 660
Woodward	Zimmerman (Prof. E. A. W.) 216,
Worcester (J. E.) 481, 554	*220, 362
	•





EARLY

PROCEEDINGS

OF THE

AMERICAN PHILOSOPHICAL SOCIETY

FOR THE

PROMOTION OF USEFUL KNOWLEDGE,

COMPILED

BY ONE OF THE SECRETARIES,

FROM THE

MANUSCRIPT MINUTES OF ITS MEETINGS

FROM

1744 то 1838.

PHILADELPHIA:

Press of McCalla & Stavely, 237-9 Dock Street, 1884.

